2-18-64 Notice to Roll of	Milla Shappen
FILE NOTATIONS  Entered in NID File	Checked by Chief
Entered On S R Shapet Location Map Pinned	Copy NID to Field Office  Approval Letter  Disapproval Letter
I W R for State or Fee Land  COMPLETION DATA:	
Date Well Completed TA	Location Inspected  Bond released  State of Fee Land
	FILED
Electric Logs (No. )	GR ORNE Micro
Latinamen Mi-Limin So	aic Others

intered in NID File		100 AZ
intered On S R Sheet	Checked by Chief	91110
The state of the s	Copy NID to Field Office	
ocation Map Pinned	Approval Letter	hullni
ard Indexed	Disapproval Letter	
W R for State or Fee Land		
COMPLETION DATA:		
Date Well Completed 5-10-63	Location Inspected	
OW WW TA	Bond released	
GW OS PA	State of Fee Land	
LOGS FI	LED	
Driller's Log 7-17-63		
Electric Logs (No. )/		
	9R GR-N Mi	

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adget Bureau No. 42-R358.4.

Form 9-331 a (Feb. 1951)

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(SUBMIT IN TRIPLICATE)

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Lease No. 19-03-59
Unit San Asserte Unit

### SUNDRY NOTICES AND REPORTS ON WELLS

		SUBSEQUE	ENT REPORT OF WATER SHUT-OFF	
OTICE OF INTENTION TO CHANGE PL	.ANS	SUBSEQUE	ENT REPORT OF SHOOTING OR ACIDI	ZING
OTICE OF INTENTION TO TEST WATE	R SHUT-OFF	SUBSEQUE	NT REPORT OF ALTERING CASING	
OTICE OF INTENTION TO RE-DRILL O	OR REPAIR WELL	SUBSEQUE	NT REPORT OF RE-DRILLING OR RE	PAIR.
OTICE OF INTENTION TO SHOOT OR	ACIDIZE	SUBSEQUE	NT REPORT OF ABANDONMENT	
OTICE OF INTENTION TO PULL OR A	LTER CASING	SUPPLEME	NTARY WELL HISTORY	
OTICE OF INTENTION TO ABANDON V	WELL			
(INDICAT	E ABOVE BY CHECK M	ARK NATURE OF REP	ORT, NOTICE, OR OTHER DATA)	- <u></u> -
			Appril 19,	. 19
IN ALVERTOR STATE		TOWN OF LINE	rgid tast)	
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A STA See. 25	3/8	252	Salt Labo	
(½ Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)	
A Dielel	Contract of the Contract of th	d County	Their	
(Field)	(Cou	nty or Subdivision)	(State or Ter	ritory)
		TAILS OF WO		a mudding johr camen
te names of and expected depths to	objective sands; showing points, and	w sizes, weights, and all other important	lengths of proposed casings; indicat proposed work)	e mudding jobs, cement
1				1 ×4 · · ·
	Little wall		tests to a double su	Cristent to
to proposed to Grill's	L this will		tools to a dupth su	Claims to
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to proposed to drill it the Manage Shale 3/1/60 Surface qual Name to top with app	i this well Competion. ng will be a regimetely J	uith policy Epidentod is ob at appets 30 mades on	tools to a depth server of the	Cristent to mental from LL be set
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is proposed to drill it the Manage Shale  3/1/60 Supface quais has to top with appa top of Hanges forms sacks. Well will  3200', Manage tests	this will formation, og will be a region tely 3 tion estimat be drilled i d, and wall	completed.	= Well produce	ing
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	this will be a sentence of the contract of the	completed.	5 Well production The Dah	ing Ent
	this wall formation, or will be or regime toly 3 tion orthoris be drilled i d, and wall must receive approve A Gos Company	completed.	5 Well production The Dah	ing Ent
is proposed to drill it the Emane Shale  3/1/60 Surfoce contr top of Mancos feman sacks. Well will 1200', Mancos teste  understand that this plan of work mpany Santiate Still	I this wall formation, og will be a reminetely ; Lion estimat be drilled i d, and wall  must receive approve A Gase Company	completed.	5 Well production The Dah	ing Ent
mpany Simplety (43)	this wall formation, og will be a remissionly l tion switten t be drilled i d, and wall  must receive approve the Gest Company	completed.	5 Well pladud  The Dah  Geological Survey before operations	cta & Ent
	k Gos Compan ab Ballding	completed.	5 Well production The Dah	cta & Ent

Completion Repetit

SAM APROYO UNIT WELL NO. 21

SAM APROYO UNIT WELL NO. 21

Suppace casing

Contractor

Arabahoe Drilling Company

OIL STRING

APPR. AMT.

SUPPACE CASING

CONTRACT DEPTH

3200

MUD SUPPLIER

PERFORATIONS

TOP ALLOWABLE

	OIL STRING		MUDS	UPPLIER	• • • • • • • • • • • • • • • • • • • •	PERFORATIONS		TOP ALLOWABLE
	DATE	ACCUM. COST	DEPTH	FORMATION			REMARK	S
1963	<u>l</u> 1-23		-	_	Loc	. 2066' fr SL &	e 23l:01	fr EL of Sec. 25-16S-25E
					Gra	nd County, Utah.	AFE #	<sup>4</sup> 129•
	<u>lı-2lı</u>		_	_	MIR	- o		
	L1-25	1	103:	103'	Dri	lling, Spud 2:30	0 o.m.	li-24-63. 13 3/li" hole.
	11-26	2	331'	2281	Wed	. Ran 10 jt 10	3/4" 0:	D 32.75# H-40 csg set @
					326	¹ GM w/300 sx c	mt w/2%	CaCl @ 6 a.m. 4-26-63.
	_	•		-		. circ.		
	4-29	5	26791	23481.	WO	0, Han 84 jt 7"	OD 20#	J-55 csg. set @ 2679' w/
					75	sx w/2% CaCl, l	00 bbl	gelled wtr ahead of cmt.
					j.			wing gas @ 700 MCF @
			,		26	791. 4-27-63 48	3' Dril	ling, B-2, 9"hole,
					11-1	28-63 20631 Dril	lling, B	3-2, 1 @ 1628', 3/l <sub>4</sub> @
					17	lçi, 1/2 @ 1877'	. Elev	58781.
	4-30	6	26791	01	Wai	ting on cement.		
	5 <b>-1</b>	7	26971	O.1	Dri	lling. Dusting	. Pres	s csg to 500# f/30 min,
					1			Started drlg out @ 7 a.m.
			·		5-1	<b>-</b> 63•		-
	5 <b>-</b> 2	8	3048 <b>'</b>	351'	Dri	lling Mancos Sha	ale. D	usting. Bit No. 3
					No	oil encountered.	•	
	5-3	9	35641	516'	Dri	lling <b>, 3</b> @ 3469	t .	
	5-4	10	37351	171'	Dri	lling - Dusting	- B-4,	4 1/2 @ 3682'.
	5-5	11	39321	197'	Dri	lling, B-5, 4 @	38831,	3 3/4 @ 3923'.
	5-6	12	3990' T.D.	581	TD	reached @ 11 a.m	m. 5-5-6	3. Ran GR & Net. Set
					BP	2674'. Perf 2	2650 <b>-</b> 561	. No Show oil or gas.
					Ran	tbg w/pkr loade	ed hole	w/oil. Set pkr 2640',
			·		aci	d w/750 gal NE a	acid @	7 a.m. 5-6. MP 2900#,
					On	vac @ comp of jo	ob. Wel	ll came in flowing gas,
					AW	& LO.		
	5-7	13	3990' T.D	01	Shut	in well for 2	hrs. S	IP 450#. Flwd f/l p.m.
								Gas vol 750 MCF dec to
					1			wbg @ 4 a.m. 5-7.
					1			st hr, swbd 1 BO.
· · · · · · · · · · · · · · · · · · ·	5-8	14	2674 PB	· 0!	1			in 21; hrs. Prep to
				·		frac.		
		. <del>,,,,,</del>		,				
		<del></del>	<del> </del>		<del></del>			

•	SAN A		IT WELL NO.	FIELD NAME	AFE OR DEA NO. APPR. AMT.  1963 - #129 \$  SUPFACE CASING CONTRACT DEPTH
	OIL STRING	noe Dril	ling Company	SUPPLIER	PERFORATIONS TOP ALLOWABLE
=	DATE	ACCUM. COST	DEPTH	FORMATION	REMARKS
63 •	5-9	15	3990'TI	0'	Acidi, e perfs 2650-56 w/3000 gal gelled acid MP
					2750#, Min 800#, Inj @ 8.3 BPM. Comp @ 130 PM 5
					Swbd in @ 5 PM. Flwd & Swbd 72 BAW, 25 BLO, & 1
			267L PB		B new oil. Flwg @ 3.8 BPH on opn choke.
	5-10	16	13990!TD	01	Swbd & Flwd 57 bbl 34.5 Gty oil in 24 hrs. from
	-			· · · · · · · · · · · · · · · · · · ·	Mancos shale perfs 2650-56'. Gas vol Tstm.
	-				Completed Oil Well 5/10/63.
	5-11		2674 PB		Subd 10 B0 in 5 hrs. Pld plc. LD drill nine.
					Ran 86 jt tbg, landed at 2652!.
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eing in NWLSE		East						<del></del>		
ec. 25, T.16	e, R 25	上类, <del>对和</del>	<del>.P.M.,</del> Sa	alt L	ke Meri	dian,	Grand	Count	y, Utah	
round Elevation	5878									
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9 (1111 ) (121 )			ocare,	4 Inc	1062 - 1	r write				
Surveyed Jan					1 - 1 - 1				, 19 <b>_63</b> _	

2611

Ernest V. Echohawk Registered Land Surveyor
N. M. Reg. #1545
Utah Reg. No. 2611

Fainington, New Mexico

зите:невип: 2-18-6 <u>l</u>		FILED IN SINCLAIR			JE AKIV		SI	IEET NO. I	SOG-10:
AUTHORIZATION NO. 4-13-4		)	WELL			NG11	3.	ieer no. i	1
RECORD OF WELL No. 21		San Arrovo II	Init.						
SEC 25 TWP 168 RANGE 25E	COUNTY OF	man Gran	od .			Itah			FAR
BLOCK	LOCATION"	of well 2066	from Se	outh Lin	STATE	23):01	from E	_ACRES st. Tine	o of
SURVEY		Secti					_ <del> </del>	100	· ·
25E .							1		· · · · · · · · · · · · · · · · · · ·
			(SHOW A	LL MEASUREN	IENTS EROM	SUPEACE	E I EVEL )		
` <del>                                    </del>	- ELEV	ATION: SURFACE							
	LOCA	TION STAKED BY.	Ernest	V. Echo	hawk		DATE	1-26-63	
	DRIL	LING CONTRACTOR	Arapa	hoe Dri	lling (	Compa	gy		
	KIND	OF TOOLS USED.	CABLE, FF	ом			то_		
SECTION 25	16S	deepening	ROTARY, F	пом <b>3</b> 9	90		то	_1,300_	
	DATE	BHEHHO COMM	ENCED_8_	1.m. 3-2	0-6 <u>L</u>		COMPLETE	<u>3-22-6</u>	54
Well #21	DATE	COMPLETED TEST	ing3 <b>-</b> 20	2-64	F	IRST PR	ODUCTION.		
	тота	L DEPTH 1300	PB	го <u> </u>	N	TETHOD	OF PRODU	CING FIW	thru i
	IST :	24 HRS. NATURAL			AFTER	знот о	R ACID		
		R. POTENTIAL AT							
		WABLE PRODUCTI							
- GAS WELL	API G	RAVITY OF CRUDE	E OIL @ 60'	F		0	GOR		
OLUME 2,130,000	<u>С</u> РS	igkind of M . ft. on 3/8"	UD USED D	URING COM	PLETION_	Comme	ercial		
DEVIATION TESTS Did not	CU.	tate of IItah	TIGGG	on Com	oper Triv	mi + a			
DEVIATION TESTS: 214 1191	evceen s	cate or otal	ودالمالات وا	OT. COURT	ally 1.11	ill US			
OLE SIZE BEHIND OIL STRING	2 6 <u>711 30</u>	00-1:3001							
CORE RECORD: Not cored									
ORE RECORD!	NL	MBER OF CORES			···	,	LAB. NU	ABER	
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NAS ELECTRICAL LOG MADEN	)	TOP	POTTON	,			~~	The state of the s	
MAS ELECTRICAL LOG MADE	,	10P	BOTTOM		5	ERVICE	CO		
_		•						13.61	
VAS RADIO-ACTIVE LOG MADE	3-23-6h	TOP 3750	BOTTON	1,256	5	FRVICE	co McCı	donolli	
EMPERATURE SURVEY NOT	ne		INDI	CATED TOP	OF CEME	NT	•		
ET WHIPSTOCKS AT				IAL CEMEN					
PRODUCING FORMATIONS	TOP E	BOTTOM THICK	K.   PR	ADDICING E	ORMATION	10	TOP	BOTTOM	THICK.
	F - F			JDUCING F	OKINATION.	15			
<sup>1ST</sup> Dakota	14032 L	11.7	\$ 5TH	SDUCING F		.5			
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SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  TO TY  LILL FT. LILL FT. FT.  FT. FT	DATE  DATE  POPE TREATMEN  PROPOSED  SIN WELL  SET AT DEPTH  326 2679	QUARTS  REATED — ACI T GALLONS OF 30,000 g 1 W/300  CASING. TUBING RANGE	SIZE & LE  SIZE & LE  P FRACE BARRELS A WT  OOO SCE	TYPE OF SHOT Je	ANCHO	PRESEN STATUS	Open  SH SBLS. MII  7 270  FEET	FT.  FT.  MAX. &  N. PRES.  DO# MP  NOW  WEIGHT PER FT.	F F NET OIL RE Wone
SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  LILL FT. LILL FT.	DATE  DATE  PRESENTE TO THE TOTAL TO THE TREATMENT ON THE TOTAL TO THE TOTAL T	QUARTS  REATED — ACI T GALLONS OF 30,000 g 1 W/300  CASING. TUBING GRADE, KIND. RANGE  H-LIO SS R2	SIZE & LE  D — FRACE BARRELS A WT  OOO SCI	TYPE OF SHOT Je	ANCHO	PRESEN STATUS	Open SH SBLS. MII 7 270	FT.  FT.  MAX. &  N. PRES.  DO# MP  NOW  WEIGHT PER FT.	F F NET OIL RE Wone
SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  TO TY  LIZL FT. LILL FT. FT.  FT. FT	DATE  DATE  PRESENTE TO THE TOTAL TO THE TREATMENT ON THE TOTAL TO THE TOTAL T	QUARTS  QUARTS  REATED — ACI T GALLONS OF 30,000 g W/300  GRADE, KIND. RANGE  H-10 SS R2 J-55 SS R2	SIZE & LE  SIZE & LE  D FRACE BARRELS CALL OF SCHOOL THREAD  8R 8R	TYPE OF SHOT Je	ANCHO	PRESEN STATUS	Open  SH SBLS. MII  7 270  FEET	FT.  FT.  MAX. &  N. PRES.  DO# MP  NOW  WEIGHT PER FT.	F F NET OIL RE Wone
SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  TO TY  LIZL FT. LILL FT. FT.  SIZE NEW WEIGHT FEET  Previously set  10 3/4" N 32.75 326  7" N 20 2679  2 3/8" N 4.7# 2652  Set this job	DATE  DATE  PRE TREATMEN  DIOPT  SIN WELL  SET AT DEPTH  326 2679 2652	QUARTS  REATED — ACI T GALLONS OF 30,000 g W/300  GRADE, KIND. RANGE  H-UO SS R2 J-55 SS R2 J-55 SS R2	SIZE & LE  SIZE & LE  D FRACE BARRELS CALL OF SCHOOL THREAD  8R 8R	TYPE OF SHOT Je	ANCHO	PRESEN STATUS	Open  SH SBLS. MII  7 270  FEET	FT.  FT.  MAX. &  N. PRES.  DO# MP  NOW  WEIGHT PER FT.	F NET OIL RE Wone
SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  1.	DATE  DATE  DATE  PETREATMEN  DIOPT  SET AT DEPTH  326  2679 2 2672 2 1299	QUARTS  REATED — ACI T GALLONS OF 30,000 g W/300  GRADE, KIND. RANGE  H-UO SS R2 J-55 SS R2 J-55 SS R2 J-55 SS R2	SIZE & LE  D FRACE BARRELS CALL OF SCHOOL THREAD  READ  THREAD  8R  8R	TYPE OF SHOT Je	ANCHO	PRESEN STATUS	Open  SH SBLS. MII  7 270  FEET	FT.  FT.  MAX. &  N. PRES.  DO# MP  NOW  WEIGHT PER FT.	FOLL RECONTRIBUTION
SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  TO TY  LIZL FT. LILL FT. FT.  SIZE NEW WEIGHT FEET  Previously set  10 3/4" N 32.75 326  7" N 20 2679  2 3/8" N 4.7# 2652  Set this job	DATE  DATE  DATE  PROPERTY OF TREATMENT  DUOTRAC  SIN WELL  SET AT DEPTH  326  2679 2652 2652	QUARTS  REATED — ACI T GALLONS OF 30,000 g W/300  GRADE, KIND. RANGE  H-UO SS R2 J-55 SS R2 J-55 SS R2	SIZE & LE  SIZE & LE  D FRACE BARRELS CAL WT  OOO SCH  THREAD  8R  8R	TYPE OF SHOT Je	ANCHO	PRESEN STATUS	Open  SH SBLS. MII  7 270  FEET	FT.  FT.  MAX. &  N. PRES.  DO# MP  NOW  WEIGHT PER FT.	F NET OIL REC
SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  SHOT REPORT—COMPANY  1. — —  2.   FROM TO TY  L1121 FT. L1111 FT. I  FT. FT. FT.  FT. FT.  FT. FT.  FT. FT.  FT. FT.  FT. FT.  FT. FT.  FT. FT.  FT. FT.  FT. FT.  FT. FT.  FT. FT.  FT. FT.  FT. FT.  FT. FT.  SASING  SIZE NEW WEIGHT FEET  Previously set  10 3/4" N 32.75 326  7" N 20 2679  2 3/8" N 4.7# 2652  Set this job  1 1/2" N 10.5# 1,299	DATE  DATE  DATE  PETREATMEN  DIOPT  SET AT DEPTH  326  2679 2 2672 2 1299	QUARTS  REATED — ACI T GALLONS OF 30,000 g W/300  GRADE, KIND. RANGE  H-UO SS R2 J-55 SS R2 J-55 SS R2 J-55 SS R2	SIZE & LE  SIZE & LE  D FRACE BARRELS CAL WT  OOO SCH  THREAD  8R  8R	TYPE OF SHOT Je	ANCHO	PRESEN STATUS	Open  SH SBLS. MII  7 270  FEET	FT.  FT.  MAX. &  N. PRES.  DO# MP  NOW  WEIGHT PER FT.	F F NET OIL RE Wone

KIND AND	NUMBER OF	SCRA	TCHERS II	SED	None									
KIND AND	NUMBER OF	CENT	RALIZERS	USED	None									
	KER SET, AT						SI7F A	AND KIND OF PA	ACKER					
ısт <u>N</u>	lone	FEET	·				19		·					
2ND		FEET					19							
					-		STEM T							-24
DATE	PACK	ER	FORMA	ATION	SIZE	CHOKE	TOOL	FORMATIO	N PRES.		RECOVER	Y - FE	ET	W
DATE	SET DEPT	Ĥ	FROM	то	TOP	воттом	OPEN MIN.	FLOWING	SHUT-IN	OIL	WATER	MUD	OTHER	SA
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VAS ANY .	JUNK EQUIPMI	ENT T	OOLS OR	PIPE LE	FT IN H	OLE AT CO	MPLETION	OF DRILLING?	No					
EMARKS:.	Driller										***			
			E. L.								-,-			
1			J. L.	Murph	<b>y</b>									
	· · ·													
PLUC	BACK AND	PLU	IGGING	RECOF	RD.		APPR	OVED:						
PLUC	SBACK AND		GGING		RD TO		APPR	OVED:	-			•		
DATE	TYPE PLU		FROM		то .	-	APPR	OVED:						
DATE 22-64 0	TYPE PLU	G	<sup>1</sup> FROM		то .		APPR	OVED:			DISTRIC	CT SUPE	RINTEND	) EN1
DATE 22-64 0	TYPE PLU	G	<sup>1</sup> FROM		то .		APPR		INAL W. A. V	VAI THI		CT SUPE	RINTEND	PENT
DATE 22-64 0	TYPE PLU	G	<sup>1</sup> FROM		то .		APPR		INAL W. A. V	VALTHI	ER, JR.		RINTEND	
DATE 22-64 0	TYPE PLU	G	<sup>1</sup> FROM		то .		APPR		INAL W. A. V	VALTHI	ER, JR.			
DATE 22-64 0	TYPE PLU	G	<sup>1</sup> FROM		то .		APPR		INAL W. A. V	VALTHI	ER, JR.	ON SUPE		ENT
DATE 22-64 0	TYPE PLU	G	FROM 4258		то .		APPR		INAL W. A. V	VALTHI	ER, JR.	ON SUPE	RINTEND	ENT
DATE 22-64 0	TYPE PLU	G	<sup>1</sup> FROM		то .		APPR		INAL W. A. V	VALTHI	ER, JR.	ON SUPE	RINTEND	ENT
DATE 22-61 C	TYPE PLU- Cement Csg cmt g	g : job	FROM 4258	43	то .		APPR		INAL W. A. V	VALTHI	ER, JR.	ON SUPE	RINTEND	ENT
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DATE 22-61 0	TYPE PLUCEMENT SE	G job	FROM 4258 )	143	TO 00			COPY ORIG		VALTHI 	ER, JR.	ON SUPE	-GEOLOG	ENT
DATE 22-6)1 (	TYPE PLUCEMENT SE	g : job	FROM 4258 )	143	то 00		APPR	COPY ORIG	DEPTH TO	VALTHI 	ER, JR.	ON SUPE	RINTEND	ENT
DATE 22-61 C	TYPE PLUCEMENTS	G job	FROM 4258 )	143	TO 00			COPY ORIG		VALTHI 	ER, JR.	ON SUPE	-GEOLOG	ENT
DATE 22-61 0 ( show all 1 cormation 39	TYPE PLUG Cement Csg cmt g	G jok	FROM  4258  )  URFACE LEV	La3	OO		FORMAT	COPY ORIG		VALTHI	ER, JR.	ON SUPE	-GEOLOG	ENT
DATE 22-61 0 ( SHOW ALL I	TYPE PLUG Cement Csg cmt g	G job	FROM 4258  1000  1	La3	OO	ty to s	FORMAT	COPY ORIG		VALTHI	ER, JR.	ON SUPE	-GEOLOG	ENT
DATE 22-61 0 ( ( ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	TYPE PLUG Cement Csg cmt g MEASUREMENTS I	FROM S DEPTH TOP	FROM 4258 )  URFĀCE LĒV TO  dark kota	Li3	OO OO SEA	ty to s	FORMAT	COPY ORIG		VALTHI	ER, JR.	ON SUPE	-GEOLOG	ENT
SHOW ALL I	TYPE PLUG Cement Csg cmt g MEASUREMENTS I N 090 032 \$ \$ (+1846)	FROM S DEPTH TOI	FROM 4258 )  URFĀCE LĒV TO  dark kota	gray, sil	oo Sea Sea sil-		FORMAT	COPY ORIG		VALTHI	ER, JR.	ON SUPE	-GEOLOG	ENT
SHOW ALL I	TYPE PLUG Cement Csg cmt g MEASUREMENTS I N 090 032: S (+1846)	FROM S DEPTH	FROM 4258 ) URFACE LEV TO e, dark kota e, gray	gray , sil	oo . silty_grain	ned.	FORMAT	COPY ORIGINAL CONTROL O	DEPTH TO TOP	VALTHI	ER, JR.	ON SUPE	-GEOLOG	ENT
SHOW ALL I	TYPE PLUG Cement Csg cmt g MEASUREMENTS I N 090 032: S (+1846) 050 S 068 S 15 S	FROM S DEPTH TOP	FROM 4258  )  URFACE LEV  TO  dark kota  , gray  lear,  dark	gray , sil	oo silty_grain	ned. lty - s	FORMAT	COPY ORIG	DEPTH TO TOP	VALTH	ER, JR.	ON SUPE	-GEOLOG	ENT
DATE	TYPE PLU- Dement Csg cmt g  MEASUREMENTS I  P90  032: \$ (+1846) 050 \$ 15 \$ 147. \$	Shale	promulation of the second of t	gray , sil , gra coars	oo silty_grain	ned. lty - s	FORMAT	COPY ORIGINAL CONTROL O	DEPTH TO TOP	VALTHI	ER, JR.	ON SUPE	-GEOLOG	EN.
DATE	TYPE PLU- Dement Csg cmt'g  MEASUREMENTS   N 090 032: \$ (+1846) 050 \$ 15 \$ 147 \$ (+1731)	Shale	JOHN JAMES AND TO	gray , sil , gra coars	ssea by grain y, sile	ned. Lty - s	format	COPY ORIGINATION	DEPTH TO TOP	VALTH	ER, JR.	ON SUPE	-GEOLOG	EN.
DATE 22-61 0 ( ( ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	TYPE PLUG Gement Csg cmt g MEASUREMENTS I N 090 032: S (+1846) 050 S 068 S 15 S 147 S (+1731)	FROM S DEPTH TOO Shale Shale Shale Shale	onface.Lev  onface.Lev  to  dark  kota  e, dark  codar Mo  e, gray  codar Mo  e, gree	gray , sil , gra coars untai nish	ssea by grain y, sile	ned. Lty - s	FORMAT	COPY ORIGINATION	DEPTH TO TOP	VALTHI	ER, JR.	ON SUPE	-GEOLOG	EN.
ORMATION 39 3990-1:0 :032-1:0 :050-1:0 :050-1:1 :115-1:1 :11:7-1:2 :290	TYPE PLUG Cement Csg cmt g MEASUREMENTS I N 990 032: S (+1846) 050 S 068 S 147 S (+1731) 290 S (+1588)	Shale Shale Shale Shale Shale	JURFACE LEV TO  A dark kota a, gray clear, a, dark ned to a gree prrison	gray , sil , gra coars untai nish	ty_ grain e gray gray gray	ned. lty - s	FORMAT andy	COPY ORIGINATION	DEPTH TO TOP	VALTHI	ER, JR.	ON SUPE	-GEOLOG	EN.
DATE 22-61 0 ( ( ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	TYPE PLUG Cement Csg cmt g MEASUREMENTS I N 990 032: S (+1846) 050 S 068 S 147 S (+1731) 290 S (+1588)	Shale Shale Shale Shale Shale	JURFACE LEV TO  A dark kota a, gray clear, a, dark ned to a gree prrison	gray , sil , gra coars untai nish	ty_ grain e gray gray gray	ned. lty - s	FORMAT andy	COPY ORIGINATION	DEPTH TO TOP	VALTH	ER, JR.	ON SUPE	-GEOLOG	ENT
DATE 22-61 0 ( ( ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	TYPE PLUG Cement Csg cmt g MEASUREMENTS I N 990 032: S (+1846) 050 S 068 S 147 S (+1731) 290 S (+1588)	Shale Shale Shale Shale Shale	JURFACE LEV TO  A dark kota a, gray clear, a, dark ned to a gree prrison	gray , sil , gra coars untai nish	ty_ grain e gray gray gray	ned. lty - s	FORMAT andy	COPY ORIGINATION	DEPTH TO TOP	VALTHI	ER, JR.	ON SUPE	-GEOLOG	ENT
ORMATION 39 3990-1:0 :032-1:0 :050-1:0 :050-1:1 :115-1:1 :11:7-1:2 :290	TYPE PLUG Cement Csg cmt g MEASUREMENTS I N 990 032: S (+1846) 050 S 068 S 147 S (+1731) 290 S (+1588)	Shale Shale Shale Shale Shale	JURFACE LEV TO  A dark kota a, gray clear, a, dark ned to a gree prrison	gray , sil , gra coars untai nish	ty_ grain e gray gray gray	ned. lty - s	FORMAT andy	COPY ORIGINATION	DEPTH TO TOP	VALTH	ER, JR.	ON SUPE	-GEOLOG	ENT
ORMATION 39 3990-1:0 :032-1:0 :050-1:0 :050-1:1 :115-1:1 :11:7-1:2 :290	TYPE PLUG Cement Csg cmt g MEASUREMENTS I N 990 032: S (+1846) 050 S 068 S 147 S (+1731) 290 S (+1588)	Shale Shale Shale Shale Shale	JURFACE LEV TO  A dark kota a, gray clear, a, dark ned to a gree prrison	gray , sil , gra coars untai nish	ty_ grain e gray gray gray	ned. lty - s	FORMAT andy	COPY ORIGINATION	DEPTH TO TOP	VALTHI	ER, JR.	ON SUPE	-GEOLOG	ENT
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DATE 22-61 C	TYPE PLUG Cement Csg cmt g MEASUREMENTS I N 990 032: S (+1846) 050 S 068 S 147 S (+1731) 290 S (+1588)	Shale Shale Shale Shale Shale	JURFACE LEV TO  A dark kota a, gray clear, a, dark ned to a gree prrison	gray , sil , gra coars untai nish	ty_ grain e gray gray gray	ned. lty - s	FORMAT andy	COPY ORIGINATION	DEPTH TO TOP	VALTHI	ER, JR.	ON SUPE	-GEOLOG	ENT
DATE 22-61 0 ( ( ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	TYPE PLUG Cement Csg cmt g MEASUREMENTS I N 990 032: S (+1846) 050 S 068 S 147 S (+1731) 290 S (+1588)	Shale Shale Shale Shale Shale	URFACE LEV TO  dark kota e, gray clear, dark ned to edar Mo e, gree prrison	gray , sil , gra coars untai nish	ty_ grain e gray gray gray	ned. lty - s	FORMAT andy	COPY ORIGINATION	DEPTH TO TOP	VALTHI	ER, JR.	ON SUPE	-GEOLOG	ENT
DATE 22-61 0 ( ( ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	TYPE PLUG Cement Csg cmt g MEASUREMENTS I N 990 032: S (+1846) 050 S 068 S 147 S (+1731) 290 S (+1588)	Shale Shale Shale Shale Shale	URFACE LEV TO  dark kota e, gray clear, dark ned to edar Mo e, gree prrison	gray , sil , gra coars untai nish	ty_ grain e gray gray gray	ned. lty - s	FORMAT andy	COPY ORIGINATION	DEPTH TO TOP	VALTHI	ER, JR.	ON SUPE	-GEOLOG	ENT
DATE 22-61 0 ( ( ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	TYPE PLUG Gement Csg cmt g MEASUREMENTS I N 090 032 \$ \$ (+1846) 050 \$ \$ 068 \$ \$ 15 \$ \$ 147 \$ \$ (+1731) 290 \$ \$ (+1588)	Shale Shale Shale Shale Shale	URFACE LEV TO  dark kota e, gray clear, dark ned to edar Mo e, gree prrison	gray , sil , gra coars untai nish	ty_ grain e gray gray gray	ned. lty - s	FORMAT andy	COPY ORIGINATION	DEPTH TO TOP	VALTHI	ER, JR.	ON SUPE	-GEOLOG	EN.

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

	Form approv	ed.	all
	Form approve Budget Bures	u No. 42-	R356.51
AND OFFICE	Salt I	ake C	
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### LESSEE'S MONTHLY REPORT OF OPERATIONS

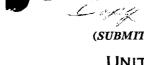
				60.		er (Ind 1	nildin	, 19 <b>63</b> , CorSig	npany 🗸	inelair (	211 & Gas Compan E. Brown
Pho	ne					6-2461					a Chief Clerk
SEC.	AND F	ſwp.	RANGE	WELL No.	DAYS PRODUCED	Barrels of Oil	GRAVITY	Cu. Ft. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, codate and result of test for gasoling content of gas)
4-5	Len	# %	D-03 25E	70-A	30	131	60.0	39,464			
				~			4040	25 30000			
4 - 1		10 f 168	10-4: 25E		16			5,675		•	
N											
	5 1	e # 68	25E	16	30	36	60.0	39,293		•	
) ]	7.00		11-02	(a).2							
. 21	, 3	45	25%	17	30			11,052	•		
<b>.</b>	Test	<b>.</b> 4	B-06	123							
		68	262								Maiting on comm
le	Less	• #	<b>U-0</b> 5	alle							
. 1	1	66	25E	19		Spudded 1	130 PM	1-7-63, CI	mented 9	5/8"OD	
						Drilled t	70 5	1901 in Max	rison fo	metion,	
•						Set b-1/2	OD CM	ting 6 5200	coment	ed w/300 ota Send	
						4728-381.	Comple		Delota S	and perf.	
						4728-38' Well 4-25		600 MUPPD.	Complet	ed Can	
4 · 2			5-03 25E			Smidded 2	NO PK	J-91-63- (		10-3/LPOI	
						Casing 0	326' 1	300 sacks	demant L	-26-63.	
						Set 7"OD   L=29-63.		• 2679° w/ 30-63.	75 <b>EAGS</b>	040003	\$ @
h	***	<u> </u>	BL O	7 40							
26	, 7	68	25E	20		ant Lilling	Board ar	d Leveling	Locatio		

runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329 (January 1950) 6 No

Form 9-331 (Feb. 1951)



(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City
Lease No. U-0369

Budget Bureau No. 42-R358.4

Form Approved.

(State or Territory)

Lease No.	0-0309
Unit	Sen Arroyo

500. 25 166

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

### SUNDRY NOTICES AND REPORTS ON WELLS

	${N \brace S}$ line and	
(INDICATE ABOVE BY CHECK MARK	NATURE OF REPORT, NOTICE, OR OTHER DATA)	, 19 <b>63</b>
NOTICE OF INTENTION TO ABANDON WELL.	HEPORT OF CEMENTING CASING	X
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING.	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	

San Arroyo (Field) (County or Subdivision)

The elevation of the derrick floor above sea level is \_5378\_ ft.

#### **DETAILS OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

l-2l-63	Spudded 2:30 P.H.
4-25-63	103' Drilling
1,-26-63	331' WOC. Han 10 Jts 10-3/4"CD 32.75# H-10 Casing set @ 326' OM
	w/300 sacks coment w/2% CaCl @ 6 A.M. L-26-63.
4-27-63	id3' Drilling. Tested Casting @ 500# for 30 min. before drilling
	out from under surface casing. Tested OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Sinclair Oil & Cas Company

Address 601 Denver Club Building

By

Title Brown

Title Brown

NO



# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

	Form appr Budget Bu	oved. reau No.	42-R356.5.	14
OFFICE	Salt	Lake	City	7

LAND OFFICE SALT LAKE CITY
LEASE NUMBER
UNIT SAN ATTOYO

## LESSEE'S MONTHLY REPORT OF OPERATIONS

vells) f	or th	e mon	th of	•	MY	<u> </u>	, 19 <b>63</b> ,	SA	n arroyo	
Agent':	addi	'ess	_601 _Dec	Denv	er Club Bu Colorado	liding	Cor	npany ned	<b>Sinclair</b> Morri	<b>cil &amp; Gas Compan</b> s E. Brown
Phone .										Chief Clerk
SEC. AND 14 OF 14	TWP.	RANGE	WELL No.	DAYS PRODUCED	Barrels of Oil	GRAVITY	Cu. Ft. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, ca date and result of test for gasolin content of gas)
264.1	anc.	Our Tr	, Box	MATIO						
				THILL		÷				
•		U-034 25 B	9 21.	15	1455	34.5				
• 25	35.45	47.5	4.5	12	400	34407	Spudded 2:	30 PM 4-	21-63, Ce	mented 10-3/4*0
										ement 1-26-68.
							Set 7"OD C	Deilled	to 17) 399	5 seeks coment D: PR Denth 261
							Bridge Plu	g set in	7ºOD Cas	O', PB Depth 26' ing at 2674'.
							Perforated	Manaca	shale for	mtion 2650-56*
							was snown	th 3000	cal cells	o gal NE acid, d acid. 24hr ad flowed 57 bbl
							ocemietic	n test,	swabbed a	ad flowed 57 bb
							34.5 BW.	011 in 2	4 Mrs, ga	s vol 1314.
							Completed	OUT METT	)	
						1.11				
			* .							
									State State	
	i	1								

runs or sales of gasoline during the month. (Write "no" where applicable.)

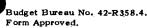
Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

\_\_\_\_ runs or sales of oil; \_\_\_\_

\_\_ M cu. ft. of gas sold;

d V





1.4. Pg

(SUBMIT IN TRIPLICATE)

Land	Office	Marine of	476201.4.78	1.00
Lease	No	11-034	59	

(Feb. 1	.951)	25	3
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# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

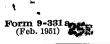
### SUNDRY NOTICES AND REPORTS ON WELLS

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	Tested CK.		_	logical Survey before	operations may be co	
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-30-63 -2-63	and the sale of the sale of					mie vei
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	8679* WCC					
	Omment 2/2% Ca()			r absent of a	ement, PD @	2 A.H.
-26-63 -29-63	2063' Drilling 2679' WOC. Ban i	th its 7°0D	20% J-65 C	meins eet 0	26791 w/75 =	acics
ate names of a	and expected depths to object	tive sands; show size ng points, and all ot	es, weights, and len ther important pro	gths of proposed casi posed work)	ngs; indicate mudding	g jobs, ceme
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ne elevatio	n of the design	Above sea lev	rel is <b>5876</b> _	ft.		
a érroga	Field)	(County or	r Subdivision)		State or Territory)	
	and Sec. No.)	(Twp.) (	(Range)	(Meridian)		
		160	[5]			
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				May 1	4	, 19_
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	(ND) OATE ADO	NE DV GUEGA MADIA	NATION OF BERON	T NOTICE OF STREET		
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NOTICE OF INT	TENTION TO SHOOT OR ACIDI		1	REPORT OF ABANDO		<b>**</b>
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NOTICE OF INT NOTICE OF INT NOTICE OF INT	TENTION TO TEST WATER SHU		SUBSPOUENT	REPORT OF SHOOTIN	G OR ACIDIZING	

Title Division Chief Clark

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CAS WELL  API GRANTY OF CRUDE OL & 60 P 34.5  GOR  GAS WELL  API GRANTY OF CRUDE OL & 60 P 34.5  GOR  PRODUCTION TESTIN DIA BOT COMPANY DIA BOTTOM  NUMBER OF CORCE  BOTTOM  B				24	HR. POTENT	TAL AT COM	PLETION — OIL	57 WATE	ER O	CHOKE_	-
TUBERGERAD PRESSURE  DEVIATION TESTS  DIR SIZE BERIND GIL STRING CSG.  SIZE OF NOLE BELOW CSG.  OURCE RECORD.  NUMBER OF CORES.  DEPTH LAB NUMBER  TOP BOTTOM.  BOTTOM.  BOTTOM.  BOTTOM.  BOTTOM.  SERVICE CO.  WAS RADIO-ACTIVE LOG MADE  TOP BOTTOM.  BOTTOM				AL	LOWABLE P	RODUCTION	PER DAY	OND PE	ER CALENE	AR DAY	
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SHOT REPORT—COMPANY DATE QUARTS SIZE & LENGTH ANCHOR SHOT BETWEEN  1. 2.					***			a.		<del></del>	
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5-486' Shale	, dark	grey, s	ilty										
30-515 Sand	stone, g	YOY. VE	my f	ine e	rained,	argill	200018						
racon, susm	oark .	ATSY.	ilty										
80-1180 Shale	o dank	SLEA.	/4 m+	الم المسلم		<i>P</i> 4							
80 <b>-1510</b> Shale 10 <b>-16</b> 90 Shale	dark	SLSA Grey M	THEOG	r. makern	act AGLA	TIME S	elned sak	A suste	and	SILLE	cone.	)	
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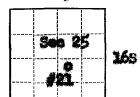
13.





Land Office Selt Lake Cit U-0369

Lease No. San Arrego



## UNITED STATES **DEPARTMENT OF THE INTERIOR**

**GEOLOGICAL SURVEY** 

(SUBMIT IN TRIPLICATE)

NOTICE OF INTENTION TO DRILL		SUBSEQUE	IT REPORT O	F WATER SHUT-OFF		
NOTICE OF INTENTION TO CHANGE				F SHOOTING OR ACIDIZ		ì
NOTICE OF INTENTION TO TEST WAT	TER SHUT-OFF	SUBSEQUE	IT REPORT OF	F ALTERING CASING		
NOTICE OF INTENTION TO RE-DRILL	OR REPAIR WELL	SUBSEQUE	IT REPORT OF	RE-DRILLING OR REPA	AIR	
NOTICE OF INTENTION TO SHOOT O	R ACIDIZE	SUBSEQUE	IT REPORT OI	F ABANDONMENT		
NOTICE OF INTENTION TO PULL OR	ALTER CASING	SUPPLEMEN	ITARY WELL I	HISTORY		X
NOTICE OF INTENTION TO ABANDON	WELL	COMPLE	Tion No	TOR		
(INDIC)	ATE ABOVE BY CHECK MAI	RK NATURE OF REPO	RT, NOTICE, C	OR OTHER DATA)		
		**************************************		By 15,	,	19.6
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(½ Sec. and Sec. No.)	(Twp.)	(Range)	(Mer	idian)		
an Arrogo (Field)	Grand Co	y or Subdivision)		(State or Terri	(tory)	
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	ing points, and al	l other important p	roposed work	posed casings; indicate )	mudding jobs,	, cemei
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ompany Sinclair Oi	ing points, and all the control of t	in writing by the G	eological Sur	Aon from Ceol vey before operations n	nay be commen	<b>Dep</b> t

Form 9-331a (Feb. 1951) 25E aby the

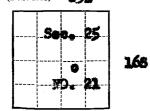


Budget Bureau No. 42-R358.4. Form Approved.

Land Office Salt Lake City

Lease No. U=0369

(SUBMIT IN TRIPLICATE)



# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

### SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	NOTICE OF INTENTION TO DEEPEN XX

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

San Arroyo Unit		Fe <sup>1</sup>	bruary 17,	, 19 6h
Well No. 21 is located	<b>2066</b> ft. from	$\begin{cases} \mathbf{N} \\ \mathbf{S} \end{cases} \text{ line and } 2310$	ft. from $\{\frac{E}{\mathbf{x}}\}$ line of sec.	25
/// M//L SS/L Sec. 25	165	25E Salt	Leke	
(¼ Sec. and Sec. No.)	(Twp.) (		idian)	
San Arroyo (Field)	Grand		(State or Territory)	
(Field)	(County or	Subdivision)	(State or Territory)	
The elevation of the	/above sea lev			

#### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is proposed to move in rotary tools, despen well from 3,990° to approximately  $h200^{\circ}$ , run  $h-1/2^{\circ}$ CD liner inside 7°CD Casing which is set at 2679, set  $h-1/2^{\circ}$ CD liner at 2550 to TD which is above present Hancos perforations 2650-2656°. Perforate Dakota formation, acidize, CO2 frac and complete well as single some gas producer from Dakota formation.

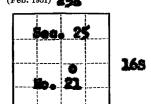
Note: Dakota formation in No. 5 will be squeezed and No. 5 completed as a single some gas producer from the Entrada formation.

I understand t	hat this plan of work must receive approval in wri	ting by the Geological Su	rvey before operations may be commenced.
Company	Sinclair Oil & Gas Company	<b>y</b>	
Address	601 Denver Club Building		
	Denver, Colorade	By	sorrie E. Brown
	266-2461	Title	M. E. Brown Division Clerk

Land Office ... Salt Lake City

Unit San Arroyo

Lease No. 1-0369



### **UNITED STATES** DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

(SUBMIT IN TRIPLICATE)

### SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO DRILL		1 11		WATER SHUT-OFF		
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NOTICE OF INTENTION TO SHOOT OR			•	ABANDONMENT		
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NOTICE OF INTENTION TO ABANDON N			AD - OL - OWNER	WI TON OF THE	×	
(INDICA)	TE ABOVE BY CHECK MA	ARK NATURE OF	REPORT, NOTICE, OR	OTHER DATA)		
				March 31,		19 <u>6</u>
n Arroyo Unis		<b>4.</b> 1)		(IT)		
ell No. 21 is locate	ed <b>2066</b> ft. fr	om_ $\left\{S\right\}$ lin	e and 2310	ft. from E lir	ne of sec1	<b>5</b>
W/4 SR/4 Sec. 25	<b>166</b>	25E (Range)	Selt Lek	ian)		
en Arroyo	(1 11 12 13		<b>\</b>			
(Field)		ity or Subdivision		(State or Terr	• •	
			78. ft.			
		AILS OF	VORK			
tate names of and expected depths to	objective sands: show	v sizes, weights, a	VORK	osed casings; indicate	e mudding jobs,	cemen
C & RURT, started 40 (	objective sands; show ing points, and ing points, and ing points.  6 8 AM 3-20-6 15 PM 3-21-6 15 PM 3-21-6 15 PM 3-20-6 15	sizes, weights, and other imports  Sign drille  10.5% J-5;  1258 P	VORK  and lengths of proportion proposed work)  lug @ 267h  to TB of  Casing set  Perfora  gel wir w/	, 60 old he 1300'. RESE 1 0 1299' w tod Dakota h	le to 39: 300 ex 50 124-lk w	10AI 150
La RURT, started WO tarted despening © 2st -22-6k. Ren 133 join maix. Ren (Rel & Cu mo-free Dekata perfe	objective sands; show ing points, and so ing points, and so is a second	sizes, weights, all other imports  64, drid  4, drille  10.5f J-5  1258 M  4 30,000  10 6 H  10 116	vork  Ind lengths of proport proposed work)  Lug @ 2674  Lug @ 2674  Casing so  Perferance  gel wir w/	oo old he 1300'. EXEL 1 0 1299' w ted Dakota h 300,000 SGF	le to 39: SERSE TD 300 ex 50 12k-kk w 00 <sub>2</sub> . Res	10 M 10 M 1-50 /4/20
La RURT, started Wo Larted despening 0 2st 22-64. Ren 133 join Manix. Ren OR. N. & Car Mo-frae Daketa perfs 13 jts 2-3/8"(D) 4.7# hr. Company Complets 8" choke, 625# FTP,	objective sands; show ing points, and so ing points, and so is a second	sizes, weights, all other imports  64, drid  4, drille  10.5f J-5  1258 M  4 30,000  10 6 H  10 116	vork  Ind lengths of proport proposed work)  Lug @ 2674  Lug @ 2674  Casing so  Perferance  gel wir w/	oo old he 1300'. EXEL 1 0 1299' w ted Dakota h 300,000 SGF	le to 39: SERSE TD 300 ex 50 12k-kk w 00 <sub>2</sub> . Res	10 M 10 M 1-50 14/20
A RURT, started Wo sarted deepening 0 2s 22-6k. Ren 133 join emiz. Ren CH. N & Car to-frae Dakuta perfs 3 jte 2-3/6°CD k.7% hr. Company Complet: 8° choice, 625% FTP,	objective sands; show ing points, and ing points, and ing points, and ing points, and ing points in 1-22-6 to 1-22-6 to 1-25-725-725-725-725-725-725-725-725-725-	sizes, weights, all other imports  64, drille  4, drille  10.54 J-51  4258 M  430,000  10.64 Milli  Dakota per  8 ITP.	VORK  and lengths of proposed work)  along @ 267h  to TB of  Casing set  Perferance  gel wir w/	, 60 old ho k300'. Exam to k299' w/ tod Dakota h 300,000 SGF	le to 39: 32888 TD 300 sx 50 124-14 w GO <sub>2</sub> . Res	104 104 1/2
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A RURT, sterted Wo arted deepening 0 24. 22-64. Ren 133 join mix. Ren CR-N & CR	objective sands; show ing points, and ing points in 1-21-6, and ing points in 1-25 Tubing in 1-25 CP, 890, and ing points in 1-25 CP, 890, and ing points in 1-29-6, and in 1-29-6, and ing points in 1-29-6, and	sizes, weights, all other imports  64, drille  4, drille  10.54 J-5  4258 P  4 30,000  10.64 P  10.64 P  10.64 P  10.64 P  10.64 P	VORK  and lengths of proposed work)  along @ 267h  to TB of  Casing set  Perfora  gal wir w/	to klikt, Y	le to 39: ERRER TD 300 ex 50 12h-lik to 00g. Ran ARO 2130	HOF
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A RURT, sterted Wo sarted deepening 0 24.  22-64. Ren 133 join mix. Ren CR. A CR.  Be-frae Dakuta perfs 13 jte 2-3/6°CD 4.76 company Complets 8° choke, 6256 FTP,  MPIRTED DAKOTA GAS William of work ompany Simulair Cil.  ddress 601 Denver Cil.	objective sands; show ing points, and ing points, and ing points, and ing points, and ing points in 1-21-6, in 1-21-6, in 1-25-6, in	v sizes, weights, all other imports  Sign drill  L. drille  L. dri	WORK  Ind lengths of proport proposed work)  Lug @ 267h  Lug @ 267	to hills.	le to 39: SERRE TD  300 ex 50 124-lul w  CO2. Res	10A 1-50 1/L/f

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R856.5.

LAND OFFICE SAIT LAKE CITY

LEASE	NUMBER		
UNIT	SAN ARROY	O	

## LESSEE'S MONTHLY REPORT OF OPERATIONS

	vells) f	$or\ the$	e mon	th of 601		MARCH R CLUD DUI	MIM	, 19 <u>6l</u> ı,	Cor	SAN npany S.	Arro <b>yo</b> Lnclair (	drilling and producing
	·											·
1	Phone -			265-	elú1			·	Age	ent's title	DIVISIO!	I CHIEF GLEEK
=	Sec. and 14 of 14		RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Ft. of (In thousar	GAS ids)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
· · ·				1.1								
MA	<b>30</b> 8 Si	alg	ONI	TION						3 .7 3		
· /	4		31 A	160								
E/	25 Le	16S	25%	21	-				*. ***	•	-	Hancos Shale
												perforations case
			id.									off w/4 1/2" OD casing. Well com
												leted as a single
												dakota gas well
		-							1.			3-29-64. FINAL RE
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runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



Page  $\frac{2}{}$  of  $\frac{6}{}$ 

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut 84180-1203. © (801-538-5340)

# MONTHLY OIL AND GAS PRODUCTION REPORT

		•		(	12919
Operator name and address:					
●ARCO OIL & GAS COMPAN P O BOX 1610 MIDLAND TX ATTN: REVENUE ACCT/JE	79702		A JAN 20 1097	Utah Account No. —  Report Period (Mont Amended Report	N0080 h/Year) <u>12 / 86</u>
	Producing	Days	Production Volume		T
Well Name	1		Oil (BBL)	Gas (MSCF)	Water (BBL)
API Number Entity Location	2011e	Ops.			
AN ARROYO 21 301915901 00500 16S 25E 25	DKTA	*			
AN ARROYO 22					•
301915902 00500 16S 25E 15	DKTA	*			
SAN ARROYO #24		-			
+301915903 00500 16S 26E 19	DKTA	米			
SAN ARROYO 25					
4301915904 00500 16S 25E 21	DKTA	*			
SAN APROVO 26		T			
4301915905 00500 16S 26E 20	DKTA	*			
SAN ARROYO 27		1.4			
4301915906 00500 16S 26E 29	DKTA	*			
SAN ARROYO 28		W			
4301915907 00500 16S 26E 29	DKTA	米			
SAN ARROYO 29		\ uz			
4301915908 00500 16S 25E 22	DKTA	<b>*</b>		<del> </del>	
SAN ARROYO 1-C		. L			
4301930068 00500 16S 25E 26	CSLGT	*			
SAN ARROYO 3-C		*			
4301930069 00500 16S 25E 23	CSLGT	12			•
SAN ARROYO 31	DIT.	*			
4301930527 00500 16S 25E 22	DKTA	+			
SAN ARROYO 32	DKTA	X			
4301930528 00500 16S 25E 14	אואע	+			
SAN ARROYO 33	DKTA	<b>*</b>			
4301930608 00500 16S 25E 25	J.C.				
	,	TOTA		<u> </u>	
	. 1	TOTA	4		D. mutich
Comments (attach separate sheet if ne	X	SE	= ('DMMENUT F	AGE 1 OFG	r Tuplus
Comments (attach separate sheet if ne	cessary/ '			+ - n .lin 1	7th H Donili
Idd Ellectide 9-	1.86,	To:	Buch Corpor	211011, 410	· M · · · · ·
Jour + church			,		
Colorado 80200					
				1-01-	R7
I have reviewed this report and certify t	he informati	on to	be accurate and complete.	Date/-2/-	
				1. 2	LOD Stul
11 Person JE	FF DECK	ER		Telephone (915)	1600-3717
(1) Sulue					
Authorized signature					1. ·
<del>-</del>					

# STATE OF UTAH

DEPARTMENT OF NATURAL RES  DIVISION OF OIL, GAS, AND S  SUNDRY NOTICES AND REPORTS  (Do not use this form for proposals to drill or to deepen or plu  Use "APPLICATION FOR PERMIT—" for such	WINING ON WELLS	5. LEASE DESIGNATION A U-0369 6. IF INDIAN, ALLOTTER	PGU
OIL GAS OTHER  2. NAME OF OPERATOR	NOV 17 1987	7. UNIT AGEREMENT NAMES OF SAN APPROVA	*
Birch Corporation  3. ADDRESS OF OFFRATOR  3801 East Florida, Suite 900, Denver, Col  4. LOCATION OF WELL (Report location clearly and in accordance with a See also space 17 below.)	orado 80218 MINING	San Arroyo l  9. WELL NO. No. 21  10. FIELD AND FOOL, OR San Arroyo	
2066' FSL, 2340' FEL, Section 25, T16S, Utah		11. SHC., T., L., M., OR A Sec. 25, III SLB &	5S, R25E M
14. API NUMBER 15. SLEVATIONS (Show whether 5878' G.L. 5892'		Grand	County
Check Appropriate Box To Indicate		her Data NT ERFORT OF:	
TEST WATER SEUT-OFF PRACTURE TREAT SHOOT OF ACIDIZE EFPAIR WELL (Other)	FRACTURE TREATMENT SHOOTING OR ACIDIZING  (Other)  (NOTE: Report results of Completion or Recomple	REFAIRING CA ALTERING CA ABANDONMEN of multiple completion tion Report and Log for	on Well
<ol> <li>DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertis proposed work. If well is directionally drilled, give subsurface is nent to this work.)</li> </ol>	nent defails, and give pertinent dates, in continue the dates, in continue and true vertical and true vertical	depths for all markers	and sones perti-

We propose to perforate, acidize, and fracture treat according to the attached procedure. The fracture will be designed for a propped fracture length of approximately 800 feet. No surface disturbance is anticipated as any fluids will be contained in steel pits and hauled to a disposal pit. Starting date is estimated to be in mid to late November, 1987 and should be completed within 60 days.

API No. 43-019-1509 (1

/			
18. I hereby certify that the foregoing is true and correspond to the sum of	TITLE _	Operations Manager	DATE 1/16/87
(This space for Federal or State office use)	TITLE	ACCEPTE	D BY THE STATE H DIVISION OF
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	_ 11111111	OF GIA	S, AND MINING
Federal approval of this action is required before commencing operations.	*See Instruct	DATE:   fl	-18-81 L. Duje

#### WORKOVER PROCEDURE

### San Arroyo Unit No. 21 San Arroyo Field, Grand County, Utah

LOCATION: 2066' FSL, 2340' FEL, Section 25, T16S, R25E, Grand County, Utah.

ELEVATIONS: 5878'G.L., 5892' K.B. NOTE: All depths measured from ground level!!

TUBULARS: 4½" OD 10.5 #J-55 casing set at 4299' in March, 1964.

2-3/8" EUE tubing at 4131 feet.

#### PROCEDURE:

1. Move in workover rig and rig up. Kill well and install BOP's. Pick up tubing and tag bottom. Clean out to 4215 feet.

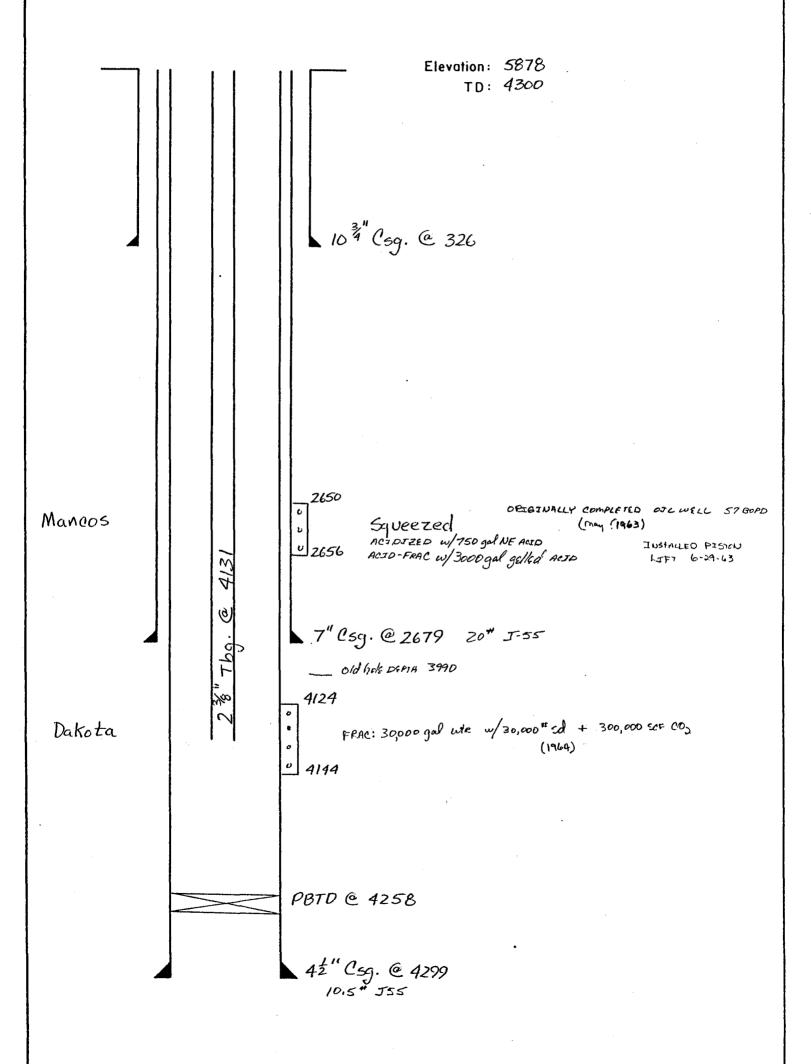
2. Pull out of hole and rig up wireline truck. Perforate the following:

4193-4199' 7 Holes 1JSPF 4175-4178' 4 Holes 1JSPF 4057-4069' 13 Holes 1JSPF

Use a 3-1/8" casing gun and premium shots. Run a gauge ring.

- 3. Pick up a retrievable packer and run in hole. Set packer at 4160 feet. Swab well and test.
- 4. Break down perforations with 1000 gallons of 15% HCl containing inhibitor, clay stabilizer, iron sequestering agent, and a non-ionic surfactant. Use 15 ball sealers. Flow back, swab and test.
- 5. Move packer up 4080 feet and fracture treat both new and old perforations with a foam frac in two stages. Flow back and clean up. A fracture procedure will be provided later.
- 6. Spot sufficient sand to cover perforations to a depth of 4100 feet. Move packer up to 3950 feet. Breakdown perforations with 1000 gallons of 15% HCl with the same additives as above. Use ball sealers. Flow back and swab down. DO NOT kick well off!
- 7. Fracture treat perforation with a foam frac. A procedure will be provided later. Flow back well and clean up.
- 8. Pull out of hole, lay down packer, pick up bailer and run in hole. Clean out hole to PBTD. Pull out of hole and lay down tools.
- 9. Run in hole with tubing and land at 4050 feet. Flange up and place into production.

San Arrayo Unit Well # 21 CURRENT DOWNHOLE CONDITIONS



Form 3160-4 (November 1983) (formerly 9-330)

# UN ED STATES SUBMIT DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLIFE.

(Since Instructions on

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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	5.	LEASE	DESIGNATION	AND	SERIAL	NC
- 4						

	Jony H	nes		perations			m 4/13/88
attachment		and Attached in	nformation is comp	olete and correct	as determined	from all available	records
Vented 35. LIST OF ATTACH	MENTS					<u>i Geor</u>	ge Beverly
34. DISPOSITION OF G	AB (Sold, used for	fuel, vented, etc.)				TEST WITH	
35 psig	160 psig	24-HOUR RAT	0	170		0	NA NA
-23-88 FLOW, TUBING PRESS.	12		OII,BBI	GAS-MCE	. 85 v. w.	TERBBL.	NA   OIL GRAVITY-API (CORR.
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS-MCF.	WATER-B	BL. GAS-OIL RATIO
-23-88		lowing	• • • •			4	hut-in) roducina
33.* DATE FIRST PRODUCT	ION   PRODU	TION METHOD (	PRO! lowing, gas lift, p	DUCTION umping—size and	type of pump)		L STATUS (Producing or
	hots per fo	ot (squee	zed)				
193-4199 7 s 057-4069 13 s	hots		•				
175-4178 4 s	hots	- /				see atta	chment
(4124-4144 pr	•			DEPTH INTERV		AMOUNT AND K	IND OF MATERIAL USED
31. PERFORATION REC	OED (Interval, size	e and number)		32.	CID. SHOT. F	RACTURE CEME	NT SQUEEZE, ETC.
					2-3/8 J	- <b>5</b> 5 4017.6	57
81ZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (	
29.	1	INER RECORD		·	30.	TUBING RE	CORD
41/2	10# J-55	4299		pre-exis	**		
10-3/4	20# J-55	326 2679		pre-exis			
CASING SIZE	WEIGHT, LB./F		T (MD) HO	LE SIZE	<del></del>	TING RECORD	AMOUNT PULLE
28.			NG RECORD (Rep			NIV. 186485	
GR-CBL-CCL,			r Log	•			no
Upper Dakota		UN					NO 1 27. WAS WELL CORED
Lower Dakota	=4175-4178'					. •	
4299 24. PRODUCING INTER	VAL(S), OF THIS	S COMPLETION—TOP	, BOTTOM, NAME (M	MD AND TVD)*	<del>&gt;</del>		25. WAS DIRECTION SURVEY MADE
4-24-63 20. TOTAL DEPTH, MD	1	, BACK T.D., MD &	ном м		23. INTERV. DRILLEI		OOLS CABLE TOOLS
4-24-63		1-23		587	8' G. 58	92' KB	
15. DATE SPUDDED	16. DATE T.D. RE	ACHED   17. DAT	COMPL. 912017	90 1   18. EL	EVATIONS (DF, I	KB, RT, GR, ETC.)*	
			14. PERMIT NO.	DAT	E ISSUED	GARANA	
At total depth						I	T16S R25E
	erval reported belo						
At surface	066 FSL 23					11. SEC. T.	ARTONO BLOCK AND BURN
3801 East	Florida Ave	Suite in clearly and in c	#900 Denve	r CO 8021( y State requireme	nts) •		
3. ADDRESS OF OPE	RATOR		ta a la sussia a seu			No	21 AND POOL, OR WILDCAT
Birch Corp						9. WELL NO	rroyo o.
WELL .	WORK DEEL EN	BACK E	DIFF. EESVR.	Other recomp	<u>letion</u>	S. FARM OF	LEASE NAME
b. TYPE OF COM				Other		<del></del> 1	rroyo
1a. TYPE OF WEL	L: OH	GAS F			-	<del></del>	REEMENT NAME
WELL CO	MDI ETION	OR RECO	APLETION I	DEDORT AL	ND LOG	6. 17 1901	N. ALLOTTEE OR TRIBE NA
	BUR	EAU OF LAN	ID MANAGEME	NT	reverse s	11 000	:0

1-3-88 - Clean off location. Anchors set and tested. Plan to move rig on 1-4-88.

1-4-88 - Constructing location.

1-5-88 - Move in rig and rig up. Move tubing from SAU #24 to SAU #21. SDFN

DC: \$1,781 CC: \$1,781

1-6-87 - POH. 20 Bbls 3% Kcl water. Took off wellhead. Install BOPs. Tag bottom at 4140'. LD 133 jts J-55 2 3/8" production string. PU 2 3/8". TIH w/sand pump. Tag bottom. Made 2 ft. SDFN.

DC: \$11,317 CC: \$13,098

1--7--88 - Made 5' w/ sand pump. Pull out of hole. Took off bit. Put on notched collar. TIH. TOH. Clean out pump. TIH. Clean out to 4196'. Trip out of hole. Cleaned out 56.' SDFN.

CC: \$2097 DC: \$15,194

1-8-88 - Present Operations: Prepare to finish cleaning out. Run in hole w/ sand pump and clean out 6 ft before pump jammed. Pull out of hole and rig up Dyna-Jet. Run G.R. CBL and data inconclusive due to gas-cut fluid. Rig up Dia Log and run casing inspection log. Tool quit working at 2400 ft. Lower casing in good shape. Possible bad spot at 2430' - 40'. Tool broke. Re-checking spot. Casing ok. Run in hole w/ sand pump to 4200 ft. Rig down Dia Log. SDFN.

DC: \$3467 CC: \$18,561

1-9-88 - Trip on in hole w/ sand pump. Clean out to 4215. Rig up Dia Log. Run Casing Inspection Log. SD.

DC: \$4415 CC: \$23,377

1-10-88 - Rig up Dyna-Jet & perforate at 4175-4178' w/ 4 shots & 4193-99' w/ 7 shots. Run gauge ring to 4200'. Run in hole w/ Tbg & pkr, set at 4155'. PU & swab & found fluid level 500' from bottom. Dowell could not get to location. Wait on tow tractors.

DC: \$3530 CC: \$26,907

1-11-88 - RU Dowell and acidize w/ 1000 15% Hcl, 50,000 scf N2, 15 RCN balls L-55 1 pt per 1000, F15 1/1000, AZ50 2/1000, L58 5#/1000. Ball out at 5300. 5 min 5280. 10 min 5250. Bleed pressure off 3500#. Blow well down. RU swab and swab 60 bbls. Well dry.

DC: \$5162 CC: \$32,069

1-12-88 - Present operations: flow back after frac. RU Dowell and frac well. Frac w/ 38,725 gal 75% quality foam containing 1 gal/1000 gal L-55, 1/4 gal/1000 gal M-76, 40#/1000 gal J218, 40,000#20/40 sand. 608,000 scf N2. Open well at 1 pm on 12/64 choke. Well communicated to backside at end of job.

San Arroyo Unit #21 Sec. 25 T16S-R25E Grand County, Utah

	Tbg Press.	Csg. Press.	Fluid	Total Fluid
1	1200	1100	0	0
2	200	1000	1.5	1.5
3	200	960	4.0	5.5
4	160	905	1.7	7.2
5	130	880	0	7.2
6	120	860	2.0	9.2
7	120	840	0	9.2
8	130	785	1.9	11.1
9	130	680	0	11.1
10	130	600	1.8	12.9
11	1.30	490	0	12.9
12	130	490	2.0	14.9
1	120	430	0	14.9
2	115	415	0	14.9
3	110	390	0	14.9
4	105	370	0	14.9
5	100	350	0	14.9
6	100	345	0	14.9
7	100	330	0	14.9

DC: \$11,764 CC: \$43,833

1-13-88 - Present operations: Rig up Nowsco continuous tubing to clean out sand inside 2 3/8" tubing and packer. Well flowing after fracturing. Install 32/64" choke and blow well down. RU and slowly release annulus pressure. Try to release packer and trip out. Left 3 jts of 2 3/8" tubing and packer on bottom. Run in hole and screw into tubing. Packer stuck at 4181'. Pump approximately 10 bbl of KCl water down tubing and pressure up. Unable to circulate with 1500 psig. Hold 1500 psig on tubing and try to work lower. Unsuccessful. SDFN.

DC: \$2811 CC: \$46,644

1-14-88 - Present operations: prep to set BP & perf. Move in Nowsco. RU to wash out sand in tbg. RIH w/ coiled tbg. Tag sand @ 4086'. Washed sand from 4086 to 4196 w/ 900 scf N2 p/m. TOOH w/ coiled tbg. PU on packer, came free. Pulled tight for 120 ft, then freed up. TOOH w/ packer. SDFN.

DC: \$6115 CC: \$52,759

1-15-88 - RU Dyna-Jet. Run gauge ring. Run RBP on wireline. Went down hole to 4154'. Perf 4057-4069'. 13 Didn't set.

shots. TIH w/ mech BP, set at 4110', TOOH. PU packer, TIH & set

at 3950'. RU, swab well, no fluid. SDFN.

DC: \$3684 CC: \$56,443

1-16-88 - Present operation: prep to acidize. RU Dowell. 500# on backside. RU Dowell on tbg. Went to 5500. Well wouldn't break down. Put 1000# on backside. 6400# on tbg. Blowed hole in thg. Still no breakdown. Circle 8 bbl acid out of hole. TOH w/ pkr. Change out pkr. TIH. SDFN.

\$7530 DC: CC: \$63,973

1-17-88 - Present operation: prep to frac. Dropped standing valve & press tst tbg to 6400#. Pull standing valve. Spot 2 bbls acid on perfs. Pull 4 jts tbg, set prk. Press tst backside to 1000#. RU Dowell. Acidize w/ 1000 gal 7 1/2% Hcl, 1/1000 of L55, 1/1000 of F75, 2/1000 A250, 5/1000 L58. 45,000 SCF N2. 30 ball sealers. Open well & flow back 18.2 Bbls. Swab back 4.6 bbls. Recover 22.6 bbls.

DC: \$5856 CC: \$69,829

RU Dowell, frac w/ 35,200 gal 75Q foam, 1/1000 L55, 6/1000 F81, .25/1000 M76, 1/1000 J218, 40#/1000 J111, 7500# 100 mesh and 28,700# 20/40 sd. 670,000 scf N2, ISIP 3060. 5 min 2813, 10 min 2717, 15 min 2653, max 4388, final 3948, avg 3800, SI well for 8 hrs.

8	pm	2000#		_
9	pm	<b>5</b> 05	3.7 bbls	3.7 total
10	pm	380	1.8	5.5
11	pm	295	1.8	7.3
	midnight	240	1.8	9.1
1	am	235	1.8	10.9
2		200	3.8	14.7
3		180	0	14.7
4		175	0	14.7
5		150	0	14.7
6		145	0	14.7
7		135	0	14.7
•				

## FRACTURE DETAILS San Arroyo Unit #21

#### 1/18/88 Upper Dakota

Volume Bbls	Fluid	Rate BPM	Pressure	Proppant	Cumulative
5000	75Q foam	12	3536	Pad	
5000	11	11	3797	1/2 ppg 100 mesh	2500#
5000	11	11	3802	1 ppg 100 mesh	5000#
3000	11	11	3800	1/2 ppg 20/40	1500#
4000	11	11	3861	1 ppg 20/40	4000#
6000	11	11	3890	1 1/2 ppg 20/40	9000#
4000	11	11	4380	2 ppg 20/40	8000#
2500	11	11	4000	2 1/2 ppg 20/40	6200#
692	11	11	3948	Flush	
35,192			# 100 mesh	28,700# 20/40	
		670,000	SCI NZ		

ISIP 3060 psig 5 min 2813 psig 10 min 2717 psig 15 min 2653 psig

DC: \$25,402 CC: \$75,311

1-19-88 - Present operations: TOOH w/ packer. Flow test well after frac. Recovered 9 bbls, total 21.7 on 16/64" choke.

8 am	125 TP	0	14.7
9	125	0	14.7
10	120	0	14.7
11	120	0	14.7
noon	110	0	14.7
1 pm	105	0	14.7
2	100	0	14.7
3	90	0	14.7
4	90	0	14.7
5	90	0	14.7

1-19-88 - (continued) Leave well open to frac tank overnight.

Made 7 bbls for a total of 21.7 at 7 am 1/19/88. 70# TP.

\$1830 DC: CC: \$97,136

- Present operation: TIH w/ sand pump. Well is flowing on 16/64" choke. 70 tbg press. Blowed well down. Released pkr & TOH w/ packer. TIH w/ sand pump and retrieving tool. Cleaned off 40' sand and latched on to plug at 4110'. TOH w/ plug. TIH w/ sand pump & retrieving tool. Cleaned off 20' of sand. Latched on to plug at 4154'. TOH w/ plug. SDFN.

DC: \$1809 cc: \$98,950

1-21-88 - Present operation: Shut down. Wait on tbg. TIH w/ sand pump. Clean out to 4232. TOH w/ sand pump. Lay down the to move off. Shut down. Casing size: 4 1/2" 10.5# J55.

DC: \$3237 CC: \$102,187

1-22-88 - Present operation: Prep to run tbg and flange up well. Rig shut down; waiting on tbg. No daily costs.

Present operation: Flow well. 36 hr shut in. 260#. Flow well down.  $\overline{\text{TIH}}$  w/ production string. 129 jts 2 3/8" 8 rd. J-55 landed tbg 4,016.57'. RU & swab well down. Made 13 runs. Recovered 15 bbls. Left well open on 24/64" choke overnight. Made no fluid. This morning flowing on 35# tbg press. 160# on csg. Est. 170 MCFD.

DC: \$2440 CC: \$104,627

1-24-88 - Present operation: Flowing well to clean up. Flowing on a 24/64" choke. FTP 60 psig. Est 250 MCFD. CP 160 psig. No Fluid.

200# tbg press. 200# csg press. 1-25-88 - Well flowing. Made 4 bbls. 24/64" choke. Calculated rate: 718 MCFD.

1-26-88 - No report.

1-27-88 - Shut in.

### PRODUCTION REPORT

Date	Diff	Static	Volume	Tubing	Hrs Prod.	Remarks
1-26	4.6	6.2	.111	210	24	New Production After Workover
1-27	4.4	6.0	.102	205	24	
1-28	3.8	6.0	.088	190	24	
1-29	3.6	6.0	.085	190	24	
1-30	3.6	6.0	.085	190	24	
1-31	3.6	6.0	.085	185	24	
2-1	3.5	6.0	.085	190	24	

Form 3160-5 (November 1081) (Formerly (+311) DEPAF BUR	UNITED STATE TME OF THE EAU OF LAND MAN	INTERIO	/Ochan Inc	N TRIPLICATE*	Budget Bureau Expires August 5. LEASE DESIGNATION U-0369	
	OTICES AND REF	ORTS	PALES Lis.) different	reservoir	6. IF INDIAN, ALLOTTE	
1. GAS [7]		77	APR 18	1988	7. UNIT AGREEMENT N.	AHE
WELL WELL OTHE	R			<del></del>	San Arroyo	WE .
Birch Corporation			DIVISION		San Arroyo	Unit
3. ADDRESS OF GPERATOR			OIL, GAS & I	MINING	9. WBLL NO.	
3801 East Florida A	e Suite #900 D	enver CO	80210		No. 21	
LOCATION OF WELL (Report locati See also space 17 below.) At surface	on clearly and in accordan	e with any Sta	te requirement	8.	San Arroyo	
2066' FSL 2340' FEL					Sec. 25 T1	<b>.</b>
14. PERMIT NO.	15. ELEVATIONS (Sho	w whether DF, RT	, GR, etc.)		12. COUNTY OR PARISI	13. STATE
43-019-15901	5878' GL 5	392 KB	,		Grand	Utah
	Appropriate Box To		aC Maita	a Passet as C	Other Data	
		naicaie 14ai	ure of Indiic		ENT REPORT OF:	
NOTICE OF I	TENTION TO:			<u> </u>	٦	
TEST WATER SHUT-OFF	PULL OR ALTER CASING		WATER SH	1	REPAIRING O	
FRACTURE TREAT	MULTIPLE COMPLETE ABANDON®			OR ACIDIZING X	-1	1-1
SHOOT OR ACIDIZE	CHANGE PLANS		(Other) _			
(Other)			(Nor	E: Report results	of multiple completion etion Report and Log fo	on Well
This well was recompand completed 1-23-8	leted as per att					
				•		
			,			
						•
	1 -					
18. I hereby certify that the forest	g is true and correct				./.	_/
SIGNED YOU'S	neg "	TTLE _Oper	ations M	anager	DATE	3/88
(This space for Federal or State		-,				<u>/</u>
APPROVED BY CONDITIONS OF APPROVAL,		TITLE			DATE	·

\*See Instructions on Reverse Side

# DEPARTMENT OF OUR GAS AND MINING

SUBMIT IN TRIPLICATE (Oth structions on
(Oth structions on
se side)

Effective April 1, on various wells in The attached Exhib  8. I hereby certify that the foresp  BIGNED	it shows a li	oyo Field. st of wells		DATE April 25, 199
on various wells in	n the San Arro	oyo Field. st of wells		
on various wells i	n the San Arr	oyo Field.		
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on various wells i	n the San Arr	oyo Field.		
			d. took over as o	oerator from Birch Corpora
	1000 0	D	t took over ac a:	agentar from Rinch Corpora
DESCRIBE PROPOSED OR COMPLETED proposed work. If well is dir nent to this work.) *	OPERATIONS (Clearly rectionally drilled, give	ature all pertinent subsurface locatio	derails, and give pertinent on and measured and true v	lates, including estimated date of starting writes depths for all markers and zones i
REPAIR WELL	CHANGE PLANS		Completion of Ke	completion Report and Log form.)
PRACTURE TREAT SHOOT OR ACIDIZE	MULTIPLE COMPLE	- 1	PRACTURE TREATMENT SHOUTING OR ACIDIZING	ALTERING CLEING ABANDONMENT®
NOTICE OF IN	TENTION TO:	anna onia	WATER SHUT-OFF.	REPAIRING WELL
Check	Appropriate Box	To Indicate Na	ture of Notice, Report,	
PERMIT NO.	18. SLEVATIONS	(Show whether DF, I	GAS & MINING	12. COUNTY OR PARISH 18. STATE
		(ئىنى)	. МДҮ 0 1 1989	SUBARI OE TEST
LOCATION OF WELL (Report locations of the location of the loca	on clearly and in acco	rdance with any Si		711. SEC., T., R., M., OR BLK. AND
1675 Larimer Street		, a	184 18 18 18	
Graham Royalty, Lto	d			9. WELL NO.
FELL WELL XX OTHES	<b>L</b>	·		7. UNIT AGREEMENT NAME  8. FARM OR LEASE NAME
			ex to a different reservoir.	
(Do not use this form for pro- Use "APPI				
(Do not use this form for pre Use "APPI	OTICES AND POPULATION FOR PERM			6. IF INDIAN, ALLOTTER OR TRIES

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                                          SE SW Sec. 2-16S-25E
Des Tackie Cannon from Buch, Graham Royatty does not own this will. 15 5/15/89
                                         SE SW Sec. 31-15S-24E Wintah Co.; UT
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355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut 84180-1203. • (801-538-5340)

Page 1 of 5



# MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:	<u> </u>				- -	
• GRAHAM ROYALTY, LTD.				1.	Utah Account No. —	N0505
1675 LARIMER STREET DENVER CO	80202					h/Year) <u>5 / 89</u>
ATTN: CINDI ROBBINS	00202	-	•	• ;	Amended Report	
						• • • • • • • • • • • • • • • • • • • •
Well Name	Producing	Days	Production	Volume		
API Number Entity Location	Zone		Oil (BBL)		Gas (MSCF)	Water (BBL)
SAN ARROYO UNIT #35 4301911090 00500 16S 25E 24	MRSN					
SAN ARROYO 4 4301915887 00500 16S 26E 30	DKTA	•	·			
SAN ARROYO 8 4301915890 00500 16S 25E 16	DKTA					
SÁN ÁRROYO 9 4301915891 00500 16S 25E 27	DKTA					
SÁN ÁRROYO #11 4301915892 00500 16S 25E 15	SLTW		•			
SAN ARROYO 12 4301915893 00500 16S 25E 23	DKTA			1		
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SAN ARROYO #16 4301915896 00500 16S 25E 26	CM-MR					
SAN ARROYO 17 4301915897 00500 16S 25E 24	DK-MR					
SAN ARROYO #18 4301915898 00500 16S 26E 30	DK-CM					
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SAN ARROYO 21 4301915901 00500 16S 25E 25	DKTA				1.1	
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Comments (attach separate sheet if nece	ssary)					
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					Dete	
I have reviewed this report and certify the	informatio	n to be	e accurate a	ana complete.	Date	
					Telephone	
Authorized signature			i padi	The State of the S		



June 6, 1989



State of Utah Natural Resources Oil & Gas Program 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

DIVISION OF OIL. GAS & MINING

Attention: Ms. Tammy Searing

Dear Ms. Searing Per telephone conversation this date we would like to split the wells shown on the monthly Oil & Gas Production Report turnaround document.

We would like entity numbers; 00500, 00505, 00515, 00520, 08340, 08341, and 09710, to be included on a seperate report and mailed to our agent for these wells: Natural Gas Gathering Company of Texas, 12700 Northborough, Suite 100, Houston, TX 77067.

All other wells shown on our monthly report should continue to be mailed to: Graham Royalty, Ltd., 1675 Larimer Street, Suite 400, Denver, Colorado 80202.

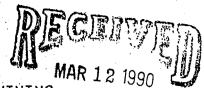
If you should have any questions, please advise.

Sincerely,

C. C. Robbins Reg. Affairs Supervisor

CCR/ng

Submit in Duplicate



#### STATE OF UTAH

BOARD AND DIVISION OF OIL, GAS AND MINING

DIVISION OF OIL GAS & MIRING

#### DESIGNATION OF AGENT

The undersigned producer, operator, transporter, refiner, gasoline or other extraction plant operator or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah, hereby appoint

Northstar Gas Company, I	nc.	
256 E. North Sam Houston	Parkway, Suite 250	
(Address)		
Houston, Texas 77060		

(his, her or its) designated agent to accept and to be served with notices from the Board and Division Director or Authorized Agent in accordance with the Oil and Gas Conservation Act of the State of Utah.

The undersigned further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designation of agent is filed in accordance with the statute and/or rules.

Effe	ective Date of Designation _	March 1, 1990	
Company_	Graham Royalty, Ltd.	Phone	(303) 629-1736
Address_	1675 Larimer Street, Suite 400		
	Denver, Colorado 80202		
By Side	Millow L. Dover	Title_V	ice President/Division Manag

256 E. North Sam Houston Parkway, Suite 250, Houston, Texas 77060 (713) 820-6886

April 5, 1990

Utah Natural Resources 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

DIVISION OF OIL, GAS & MINING

To Whom It May Concern:

Northstar Gas Company is the new operating agent for Graham Royalty, Ltd. Please make any corrections necessary so we may receive our correspondence from your agency. The new information is as follows:

Northstar Gas Company 256 E. North Sam Houston Parkway, Suite 250 Houston, Texas 77060 713-820-6886

Thank you.

Sincerely

Paul A. Bernard, Jr.

Controller

NORTHSTAR GAS COMPANY

PAB/lr Enclosures

# MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:			UTA	ACCOUNT NUMB	N0505	
C/O NORTHSTAR GAS CO IN GRAHAM ROYALTY LTD 15000 NW FREEWAY STE 20 HOUSTON TX 77040	•		REPC	ORT PERIOD (MONT	6 / 93	<u></u>
Vell Name	Producing	Well	T 5	<del></del>		
API Number Enuty Location	Zone	Status	Days Oper	OIL(BBL)	Production Volumes GAS(MCF)	WATER (PRIX)
SAN ARROYO UNIT #35	MRSN -	- U-0369		OIL(IBL)	UAS(MCF)	WATER(BBL)
\$AN ARROYO 4 4301915887 00500 16S 26E 30 SAN ARROYO 8	DKTA-	U-06023	3			
4301915890 00500 16S 25E 16 SAN ARROYO 9	DKTA -	1-0369				
✓4301915891 00500 165 25E 27 SAN ARROYO #11	DKTA-	-SL-0370-	4			
4301915892 00500 16S 25E 15 SAN ARROYO 12	SLTW-	11-05059	C			
4301915893 00500 16S 25E 23	DKTA-	52-07136	7	7 75 to the second of the seco		
4301915894 00500 165 25E 22 SAN ARROYO #16		-U-0370-	<del> </del>			
4301915896 00500 16S 25E 26 SAN ARROYO 17	CM-MR	- U-0369				
4301915897 00500 16S 25E 24 SAN ARROYO #18	DK-MR	4-02524	3			
4301915898 00500 16S 26E 30 SAN ARROYO 19		4-0602				
4301915899 00500 16S 25E 14 SAN ARROYO 20	DKTA -	-4-05011-	В			<u> </u>
4301915900 00500 16S 25E 26 SAN ARROYO 21	DKTA-	-SL-0713				
4301915901 00500 16S 25E 25	DKTA -	- 4-036.9				
			TOTALS			
			•			
DMMENTS:						
			· · · · · · · · · · · · · · · · · · ·		· ·	
hereby certify that this report is true and comp	elete to the	best of m	y knowledge	e. Da	ate:	
			- 3	_,		



RECEIVED

July 14, 1993

TO NOISIVIU C'' CAS & MININC

State of Utah Division of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203

Attn: Ms. Lisha Cordova

Dear Ms. Cordova,

Effective August 1, 1993 we would like to change our operator name from Graham Royalty, Ltd. to Graham Energy, Ltd. Per our conversation this date it should be a simple change as no bond changes are required.

Attached is a list of the wells affected. Thank you.

Sincerely,

Cynthia C. Robbins

Regulatory Affairs Supervisor

CC: Ken McKinney

# Division of Oil, Gas and Mining PHONE CONVERSATION DOCUMENTATION FORM

(Location) SecTwpRng(API No.)	(Return Date) (To - Initials)	
1. Date of Phone Call: 7-19-4	73 = Time: 3.0	<b>O</b>
2. DOGM Employee (name) Talked to:  Name	(Initiated Call []) - Ph	
3. Topic of Conversation:	m address for breham	Energy 4TD
4. Highlights of Conversation:  Agent "Northstar bas Co.:  mailing address. Change  JA to TX. (updated 7.22)  * 93/1/16- Linda Coldsby "6		

S. E. U. T. CO.

\ccomodation Recording

Not Examined

The Later of

# ASSIGNMENT, BILL OF SALE AND CONVEYANCE

Entry No. 429639

Recorded 10-22-93 236 PM

BK: 457 Pg. 83 Fee 80°

76

Melane Masker

Recorder of Grand County

This Assignment, Bill of Sale and Conveyance ("Assignment"), is from each of Prudential-Bache Energy Growth Fund, L.P. G-1 and Prudential-Bache Energy Growth Fund, L.P. G-2, each a Delaware limited partnership and acting herein through their general partner, Graham Energy, Ltd. (collectively, "Assignor"), to Northstar Gas Company, Inc. ("Assignee"). Assignor has an address of 109 Northpark Boulevard, Covington, Louisiana 70433, and Assignee has an address of 15000 Northwest Freeway, Suite 203, Houston, Texas 77040.

For, and in consideration of Ten Dollars (\$10.00) cash and other good and valuable consideration in hand paid, the receipt and adequacy of which are hereby acknowledged, each Assignor does hereby, severally, and not jointly, Bargain, Sell, Transfer, Set Over, Grant, Assign, Convey and Deliver unto Assignee, all of such Assignor's right, title, interest and estate in and to the oil and gas properties described on Exhibit "A" (the "Oil and Gas Properties"). The Oil and Gas Properties shall include all mineral interests, working interests, overriding interests, reversionary interests, net profits interests, net revenue interests and any other interest of any kind without warranty of title either express or implied, to the extent they are owned and may be conveyed by Sellers.

The Oil and Gas Properties shall include, to the extent each Assignor may lawfully assign same, all of such Assignor's rights, title, interest and estate in and to the property and rights incident, and to the extent attributable, to the Oil and Gas Properties, the lands covered thereby or utilized therewith, including, without limitation, (i) all presently existing pooling or unitization agreements and the units created thereby, and all units formed by virtue of orders issued by applicable State regulatory agencies, (ii) all presently existing operating agreements and all other contracts, agreements and records, (iii) all personal property, easements, permits, surface leases, servitudes and rights-of-way situated upon or used in connection with the production, treating, storing or transportation of oil, gas or other hydrocarbons or minerals.

TO HAVE AND TO HOLD the Oil and Gas Properties unto Assignee and its successors and assigns forever.

NOTWITHSTANDING ANY PROVISION IN THIS ASSIGNMENT OR ANY DOCUMENT DELIVERED IN CONNECTION HEREWITH TO THE CONTRARY, THE OIL AND GAS PROPERTIES AND ANY OTHER PROPERTY OR RIGHTS CONVEYED HEREUNDER ARE CONVEYED "AS IS," "WHERE IS," "WITH ALL FAULTS," AND IN THEIR PRESENT CONDITION AND STATE OF REPAIR, AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING WARRANTY OF TITLE OR ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR CONFORMITY TO MODELS OR SAMPLES OR AS TO ANY CLAIM BY ASSIGNEE FOR DAMAGES BECAUSE OF DEFECTS, WHETHER KNOWN OR UNKNOWN, OR ANY OTHER SORT OF WARRANTY. ASSIGNEE HAS INSPECTED, OR HAS HAD THE OPPORTUNITY TO INSPECT, THE OIL AND

GAS PROPERTIES AND PREMISES FOR ALL PURPOSES, INCLUDING WITHOUT LIMITATION FOR THE PURPOSE OF DETERMINING THE PRESENCE OF ENVIRONMENTAL CONDITIONS, OF DETECTING THE PRESENCE OF NATURALLY OCCURRING RADIOACTIVE MATERIAL "(NORM)" AND MAN-MADE MATERIAL FIBERS "(MMMF)" AND HAS SATISFIED ITSELF AS TO THEIR PHYSICAL AND ENVIRONMENTAL CONDITIONS, BOTH SURFACE AND SUBSURFACE. ASSIGNEE ACCEPTS ALL OF THE SAME IN THEIR "AS IS." "WHERE IS," CONDITION, AND EACH ASSIGNOR EXPRESSLY DISCLAIMS ANY **CONNECTION ARISING** WITH IN ANY PRESENCE ENVIRONMENTAL CONDITIONS, NORM OR MMMF ON THE OIL AND GAS PROPERTIES.

From and after the Effective Time, Assignee hereby agrees to assume, be bound by and subject to each Assignor's express and implied covenants, rights, obligations and liabilities with respect to the Oil and Gas Properties, and Assignee's interest in the Oil and Gas Properties shall bear its proportionate share of royalty interests, overriding royalty interests and other payments out of or measured by production from and after the Effective Time.

This Assignment is made expressly subject to all existing overriding royalties or other burdens affecting the Oil and Gas Properties as listed on Exhibit "A."

Assignee and its permitted successors and assigns shall preserve and maintain all lease, contract and title files, well logs, well files, division orders and related files, title documentation, correspondence and other data and records in the possession of Assignor pertaining to the Oil and Gas Properties (the "Records") for a period of two (2) years from the date of acknowledgement of this Assignment, during such period shall afford Assignor and its duly authorized representatives access at all reasonable times during normal business hours to all Records as Assignor shall request in order to defend against, oppose or otherwise investigate any claims or potential claims against Assignor arising as a result of any acts, events or operations prior to the date of acknowledgement of this Assignment or as a result of this Assignment, and shall make any conveyance or transfer of the Oil and Gas Properties specifically subject to the obligations of this paragraph.

Notwithstanding any other provision herein to the contrary, this Assignment is made with full substitution and subrogation of Assignee in and to all covenants and warranties by others heretofore given or made to Assignors in respect of the Oil and Gas Properties or any part thereof.

The provisions hereof shall be covenants running with the land and shall be binding upon and inure to the benefit of the parties hereto, their respective successors and assigns.

In the event two or more Oil and Gas Properties cover the same land (e.g., an oil and gas leasehold interest included within the Oil and Gas Properties may cover the same land as a mineral, royalty or overriding interest included within the Oil and Gas Properties), no merger of title shall occur, and each of the Oil and Gas Properties covering the same land is conveyed and shall be owned by Assignee as a separate and distinct property.

Separate assignments of certain of the Oil and Gas Properties may be executed on officially approved forms by Assignor to Assignee in sufficient counterparts to satisfy applicable statutory and regulatory requirements. Those assignments shall be deemed to contain all of the exceptions, reservations, rights, titles, power and privileges set forth herein as fully as though they were set forth in each such assignment. The interests conveyed by such separate assignments are the same, and not in addition to, the Oil and Gas Properties conveyed herein.

The parties agree to take all such further actions and execute, acknowledge and deliver all such further documents that are necessary or useful in carrying out the purposes of this Assignment. Assignor agrees to execute, acknowledge and deliver to Assignee all such other additional instruments, notices, division orders, transfer orders and other documents and to do all such other and further acts and things as may be necessary to more fully and effectively grant, convey and assign to Assignee the Oil and Gas Properties conveyed hereby or intended so to be.

This Assignment may be executed in any number of counterparts, and each counterpart hereof shall be deemed to be an original instrument, but all such counterparts shall constitute but one assignment.

References in this Assignment and in Exhibit "A," to contracts, agreements or instruments shall not be deemed to create any rights in favor of any third party.

Assignee joins in the execution hereof for the purpose of being bound by all the terms, provisions, obligations and covenants herein specified.

IN WITNESS WHEREOF, this instrument is signed and executed in multiple counterparts as of the date (s) set forth on the acknowledgements hereto, but, shall be effective for all purposes as of 7:00 o'clock A.M., local time, September 1, 1993 (the "Effective Time").

**ASSIGNORS:** 

By:

PRUDENTIAL-BACHE ENERGY GROWTH FUND, L.P. G-1

By: Graham Energy, Ltd., as General Partner

Feeth 111,11

Kenneth M. McKinney Vice President

ATTEST:

Řv.

[SEAL]

# ATTEST: By: By: [SEAL] **ASSIGNORS'** WITNESSES TO **SIGNATURES:** ATTEST: By: [SEAL] ASSIGNEE'S **WITNESSES** TO SIGNATURE:

PRUDENTIAL-BACHE ENERGY GROWTH FUND, L.P. G-2

Graham Energy, Ltd., as By: General Partner

Kenneth M. McKinney

Vice President

**ASSIGNEE:** 

NORTHSTAR GAS COMPANY, INC.

By:

e President

### STATE OF LOUISIANA

## PARISH OF ORLEANS

ON THIS, the Add day of October, 1993, before me, the undersigned Notary, personally appeared Kenneth M. McKinney, who acknowledged that he is the Vice President of Graham Energy, Ltd., the general partner of Prudential-Bache Energy Growth Fund, L.P. G-1, a Delaware limited partnership, and that as President he is authorized to execute the foregoing instrument for the purposes therein contained by signing the name of said corporation as general partner of Prudential-Bache Energy Growth Fund, L.P. G-1.

IN WITNESS WHEREOF, I hereunder set my hand and official seal.

NOTARY PUBLIC

My Commission Expires

WILLIAM H. HARDIE, III

NOTARY PUBLIC

Parish of Orleans, State of Louisiana

My Commission is issued for Life.

[SEAL]

# STATE OF LOUISIANA

## PARISH OF ORLEANS

ON THIS, the day of October, 1993, before me, the undersigned Notary, personally appeared Kenneth M. McKinney, who acknowledged that he is the Vice President of Graham Energy, Ltd., the general partner of Prudential-Bache Energy Growth Fund, L.P. G-2, a Delaware limited partnership, and that as President he is authorized to execute the foregoing instrument for the purposes therein contained by signing the name of said corporation as general partner of Prudential-Bache Energy Growth Fund, L.P. G-2.

IN WITNESS WHEREOF, I hereunder set my hand and official seal.

NOTARY PUBLIC

My Commission Expires

WILLIAM H. HARDIE, III

Parish of Orleans, State of Louisiana
My Commission is issued for Life.

## STATE OF LOUISIANA

# PARISH OF ORLEANS

ON THIS, the 20 day of October, 1993, before me, the undersigned Notary, personally appeared O. J. King, who acknowledged that he is the Vice President of Northstar Gas Company, Inc., a Texas corporation, and that as Vice President he is authorized to execute the foregoing instrument for the purposes therein contained by signing the name of said corporation.

IN WITNESS WHEREOF, I hereunder set my hand and official seal.

**NOTARY PUBLIC** 

My Commission Expires

WILLIAM H. HARDIE, III

**ISEAL** NOTARY PUBLIC

Parish of Orleans, State of Louisland My Commission is issued for Life,

# EXHIBIT "A"

# ATTACHED TO ASSESSMENT,

# RILL OF SALE AND CONVEYANCE

# PART I

## LANDS AND LEASES

# ALL IN GRAND COUNTY, UTAH UNLESS OTHERWISE SPECIFIED

Leese Serial			Description			Lease	Associated
Rusber	Leasor	Leans	of Lands	Book	Page	Date	Properties
ML-22208	State of Utah	Atlantic Richfield	T15 1/2S, R24E, SLM	220	177	9-28-64	ARCO State
(1038)		Company	Sec. 36: All				2-1, 2-2, 36-1
•		- <del>-</del>	T16S, R24E, SLM				36-8
			Sec. 2: 111	•			
U-29645	U.S.A.	Atlantic Richfield	T16S, R25E, SIM			5-1-75	ARCO 27-1
(1174)	•	Company	Sec. 27: SW/4,				Valentine
			S/2 SE/4				Fed #2
			Sec. 34: NE/4,				ARCO Fed D-1
			NE/4 NW/4, NE/4 SE/4				
ML-25151	State of Utah	Sinclair Oil & Gas	T16S, R25E, SLM	163	390	3-7-68	Bittercreek #1
(191-1)		Company	Section 2: All				•
J-0126528	U.S.A.	James F. Gilbert	T16S, R25E, SLM			12-1-63	Federal
(174-1)	*		Sec. 11: N/2,				Gilbert #1
			N/2 SW/4, SE/4 SW/4,			•	Federal 174-1
			SE/4				ARCO Fed H-1
			Sec. 12: S/2				
U-0141420	U.S.A.	Sinclair Oil Company	T16S, R25E, SLM			8-1-64	Federal
(180-1)			Sec. 11: SW/4 SW/4				174-1
ML-4113	State of Utah	Lois A. Aubrey	T16S, R25E, SLM	6-Q	207	1-2-52	San Arroyo
(44-1)			Sec. 16: All			•	Unit Area
U-05011-A	U.S.A.	Pierce T. Norton	T16S, R25E, SLM			9-1-51	Tenneco
(45-2)	v.3.5.	tierce i. Motton	Sec. 14: WW/4,			*4-1-55	Fed 14-2
(13 2)			SE/4 SE/4, N/2 SE/4,				San Arroyo
	•	•	WE/4 SW/4				Unit Area
			Sec. 15: NE/4				

Lease Segregated Effective

PART I

Lease Serial			Description			Leese	Associated
ltusber	Leastr	Locate	of Lands	Book	Page	Date	Properties
. 0260	7.0.3	Clair D. James	T16S, R25E, SLM			2-1-51	San Arroyc
J-0369	U.S.A.	Clair D. Jones	Sec. 23: N/2			2-1-31	Unit Area
(46-1)			Sec. 24: W/2, SE/4,				ourt area
			S/2 NE/4				
			Sec. 25: All				
			Sec. 26: N/2 S/2,				
			SE/4 SW/4, S/2 SE/4				
			36/3 SW/3, 3/2 36/3				
SL-071307	U.S.A.	James E. Croudace	T16S, R25E, SLM			12-1-50	San Arroyo
(47-1)			Sec. 23: S/2				Unit Area
•	,		Sec. 26: N/2				
U-0370-A	U.S.A.	Clair D. Jones	T16S, R25E, SLM			2-1-51	San Arroyo
(48-1)	0.5		Sec. 21: E/2 NE/4,			*6-1-55	Unit Area
10 2,			NE/4 SE/4				
	·		Sec. 22: All		٠		
			Sec. 27: NE/4,				
			ME/4 NW/4, ME/4 SE/4			-	
U-05059-A	U.S.A.	L. J. Batchelor	T16S, R25E, SLM			10-1-51	San Arroyo
(49-2)	O.D.R.		Sec. 15: WW/4 SW/4,			*9-19-61	Unit Area
(43.2)			E/2 NN/4, SN/4 NN/4		•		
			2,2 3, 2, 2, 2 3, 2				
J <b>-0</b> 6021	U.S.A.	Fred A. Moore	T16S, R26E, SLM			2-1-52	San Arroyo
(51-1)			Sec. 29: S/2,				Unit Area
•			S/2 MI/4, MI/4 MI/4				
						·	
J <b>-</b> 06023	U.S.A.	Adiel E. Stewart	T16S, R26E, SIM			2-1-52	San Arroyc
(52-1)			Sec. 30: All				Unit Area
	٠.		Sec. 31: N/2 N/2				
U-06188	U.S.A.	C. M. Rood	T16S, R26E, SIM			*3-1-52	San Arroyc
(53-1)			Sec. 19: SW/4,				Unit Area
•			S/2 WW/4, W/2 SE/4,				
			SE/4 SE/4				

Lease Segregated Rifective

PART I

Lease Serial			Description			Leage	Associated
<u>Humber</u>	Lessor	Locese	of Lands	Book	Page	Date	Properties
U-05011-B	U.S.A.	Pierce T. Norton	T16S, R25E, SLM			9-1-51	San Arroyo
(56-1)			Sec. 14: SW/4 SE/4,			*2-1-57	Unit Area
(00 4)			W/2 SW/4, SE/4 SW/4			2-1-57	OHIL AFEA
			Sec. 15: SE/4				
			2001 201 02/ 2				
U-05059-C	U.S.A.	L. J. Batchelor	T16S, R25E, SLM			*3-1-57	San Arroyc
(57-1)			Sec. 15: E/2 SW/4,				Unit Area
			SW/4 SW/4				
U-025243	U.S.A.	Clair D. Jones	T16S, R25E, SLM			*8-27 <b>-</b> 57	San Arroyo
(60-1)		-	Sec. 24: N/2 NE/4		•	-0-27-31	Unit Area
(/			DOG 211 M/2 MD/1	•			onic area
U-025245	U.S.A.	Fred A. Moore	T16S, R26E, SLM			2-1-52	San Arroyo
(61-1)			Sec. 29: NE/4 NW/4			<b>*9-1-57</b>	Unit Area
J <b>-02</b> 5297	U.S.A.	C. M. Rood	T16S, R26E, SLM			3-1-52	Com 1
(64-2)	v.b.n.	o. n. nood	Sec. 19: N/2 N/2			3-1-3Z	San Arroyc
(01 2)			S/2 WE/4, NE/4 SE/4		•		Unit Area
			Sec. 20: W/2				
			360. 20. W/Z				
/-06188-B	U.S.A.	Sinclair Oil	T16S, R25E, SLM		•	3-1-52	San Arroyo
(74-1)		Corporation	Sec. 35: N/2				Unit Area
J-05059-F	U.S.A.	L. J. Batchelor	T16S, R25E, SLM			10-1-51	San Arroyo
(134-1)			Sec. 15: WW/4 WW/4			<b>*9-19-61</b>	Unit Area
							•
J-025243-A	U.S.A.	Clair D. Jones	T16S, R25E, SLM			2-1-51	San Arroyo
(139-1)		,	Sec. 26: SW/4 SW/4			*1-1-61	Unit Area
1-05650	U.S.A.	Virginia E. Lewis	T165, R26E, SLM			12-1-51	San Arroyo
176-1)			Sec. 21: Lots 2, 3,				Unit Area
			4, W/2 W/2				
			Sec. 20: E/2				
			Sec. 28: Lots 1, 2,				
•			3, 4 W/2 W/2				
			Sec. 29: NE/4				

Lease Segregated Riffective

EXHIBIT "A"
PART I

Lease Serial	]		Description			Loose	Associated
Rusber	Lossor	Locateo	of Lands	Book	Page	Date	Properties
U-01 <b>3652</b> 9	U.S.A.	Clair D. Jones	T16S, R25E, SLM			2-1-51	San Arroyo
(4000-1)	V.3.A.	Clair D. DORES	Sec. 21: W/2 NE/4,			*1-22-64	Unit Area
(4000 1)			E/2 NW/4, W/2 SE/4,				
		·	SE/4 SE/4, NE/4 SW/4,				
			Sec. 27: W/2 WW/4,				
			SE/4 NW/4, NW/4 SE/4				
			Sec. 28: NE/4 NE/4				
U-05650-A	U.S.A.	Virginia E. Lewis	T16S, R26E, SLM			12-1-51	San Arroyo
(177-1)			Sec. 21: Lot 1			*10-1-61	Unit Area
V-9831	U.S.A.	Williams H. Short, Jr.	T16S, R25E, SLM		÷	10-10-69	ARCO Fed B-
(949)		and Franklin Knobel	INSOFAR AND ONLY				
			IMSOFAR as said				
			lease covers:				
		•	Sec. 6: All				
U-14234	U.S.A.	Arthur E. Meinhart	T15S, R24E, SLM	•		4-1-71	Black Horse
			Sec. 30: All				Canyon
			Sec. 31: All				Federal 31-
			Uintah Co., UT				

# EXHIBIT A Attached to Assignment, Bill of Sale and Conveyance

Part II

[OMITTED]

# EXHIBIT A ATTACHED TO ASSIGNMENT, BILL OF SALE AND CONVEYANCE PART III CONTRACTS AND AGREEMENTS

PROPERTY REFERENCE		
San Arroyo Unit Area	1.	Unit Agreement for the Development and Operation of the San Arroyo Unit Area, dated June 11, 1956.
San Arroyo Unit Area	2.	Unit Operating Agreement for the San Arroyo Unit Area, dated August 16, 1961.
Valentine Fed #2	3.	Communitization Agreement covering the $W_2^1$ of Section 34, T16S-R25E.
ARCO Fed. D-1	4.	Communitization Agreement covering the $E\frac{1}{2}$ of Section 34, T16S-R25E.
Fed. 174-1	5.	Communitization Agreement, dated March 3, 1965 covering the Wig Section 11, T16S-R25E.
Tenneco Fed. 14-2	6.	Communitization Agreement dated January 1, 1980, covering the $N_2^1$ of Section 14, T16S-R25E.
Tenneco Fed. 14-2	7.	Operating Agreement dated June 5, 1980, designating Tenneco Oil Company as Operator and covering the N½ of Section 14, T16S-R25E.
ARCO Fed. H-1 Fed. D-1	8.	Farmout Agreement and Operating Agreement dated August 16, 1982, between ARCO Oil & Gas Company and TXO Production Corp., covering the S <sup>1</sup> / <sub>2</sub> Section 12, T16S-R25E.
San Arroyo Unit Area	9.	Farmout Agreement dated June 6, 1955 by and between H. W. Dougherty and Sinclair Oil and Gas Company, covering lands in sections 21, 22, 23, 24, 25, 26 and 27, T16S-R25E.
ARCO Fed. B-1, Fed. C-1; Valentine Fed. #2	10.	Farmout Agreement and Operating Agreement between ARCO Oil and Gas Company and Texas Oil and Gas Corp., dated September 30, 1979, covering all of Sections 6 and 34 and the Ninwi, Nwinei and Sini of Section 35, T16S-R25E.

# EXHIBIT "A" ATTACHED TO ANE MADE A PART OF THE ASSIGNMENT, BILL OF SALE AND CONVEYANCE PART IV

INTEREST IN PROPERTIES AND WELLS

PROPERTY NAME	COUNTY	STATE	OPERATOR	WORKING INTEREST DECIMAL	NET REVENUE INTEREST DECIMAL	OVERRIDING ROYALITY INTEREST DECIMAL
ARCO STATE #2-1 ARCO STATE #2-2 ARCO STATE #36-7 ARCO STATE #36-8 ARCO STATE #27-1 VALENTINE FED, #2 FEDERAL 174 #1 BITTERCREEK #1 ARCO FEDERAL #B-1 ARCO FEDERAL #C-1 ARCO FEDERAL #D-1 ARCO FEDERAL #H-1 TENNECO FED. #14-2	GRAND	UTAH UTAH UTAH UTAH UTAH UTAH UTAH UTAH	URI URI URI URI URI URI LONE MIN. URI URI LONE MIN. LONE MIN. LONE MIN. LONE MIN. LONE MIN.	1.000000000 1.000000000 1.000000000 1.000000000 0.043750000 1.000000000 0.000000000 0.500000000 0.218750000 0.5000000000 0.5000000000	0.875000000 0.875000000 0.875000000 0.875000000 0.875000000 0.038281200 0.8487500000 0.875000000 0.0000000000 0.420000000 0.191406200 0.0000000000 0.4125000000	0.125000000
GILBERT FEDERAL #1	GRAND	UTAH	URI	1.000000000	0.845000000	•

# SAN ARROYO UNIT AREA ENTRADA PARTICIPATING AREA

SAN ARROYO #1 SAN ARROYO #2 SAN ARROYO #3 SAN ARROYO #5 SAN ARROYO #6 SAN ARROYO #40U SAN ARROYO #40L	GRAND GRAND GRAND GRAND GRAND GRAND GRAND	UTAH UTAH UTAH UTAH UTAH UTAH UTAH	URI URI URI URI URI URI URI	1.000000000 1.000000000 1.000000000 1.00000000	0.825000000 0.825000000 0.825000000 0.825000000 0.825000000 0.825000000
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San Arroyo Wells are subject to a net profits interest created by and subject to that certain farmout agreement dated june 6, 1955.

# DIVISION OF OIL, GAS AND MINING 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

# MONTHI V OIL AND CAS PRODUCTION PEPOPT

WONTILL	ALL ALVI	- GA	JIKOL		CETORI	· · · · · · · · · · · · · · · · · · ·
OPERATOR NAME AND ADDRESS:					N7590	
			UTAH	ACCOUNT NUMBE	ER:	·
C/O NORTHSTAR GAS CO IN GRAHAM ENERGY LTD	NC C		REPO	RT PERIÓD (MONT	H/YEAR): 12 / 93	
15000 NW FREEWAY STE 20 HOUSTON TX 77040	<b>)</b> 3		AME	NDEÒ REPORT (	Highlight Changes)	
Well Name	Producing	Well	Days		Production Volumes	
API Number Entity Location	Zone	Status	Oper	OIL(BBL)	GAS(MCF)	WATER(BBL)
SAN ARROYO UNIT #35						
4301911090 00500 16S 25E 24 SAN ARROYO 4	MRSN	· · · · · · · · · · · · · · · · · · ·				
4301915887 00500 16S 26E 30	DKTA	···				·
SAN ARROYO 8 ⊭4301915890 00500 16S 25E 16	DKTA					
SAN ARROYO 9	DKTA	<del></del>				
_4301915891 00500 16S 25E 27 SAN ARROYO #11	DNIA		-		<u> </u>	•
4301915892 00500 16S 25E 15	SLTW					
SAN ARROYO 12 4301915893 00500 16S 25E 23	DKTA					· 
ARROTO 15 4-ريم 1915894 00500 16S 25E 22 SAN ARROYO #16	DK-MR					
.4301915896 00500 16S 25E 26	CM-MR					
SAN ARROYO 17 -4301915897 00500 16S 25E 24	DK-MR					
SAN ARROYO #18 -4301915898 00500 16S 26E 30	DK-CM					
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			TOTALS			
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COMMENTS:			·	<u> </u>		
					·	
	Alex bear - C				2-4	
I he, J certify that this report is true and complete to	the best of my	y knowledg	e.	. 1	Date:	
Name and Signature:		<del> </del>			Telephone Number:	

# Division of Oil, Gas and Mining PHONE CONVERSATION DOCUMENTATION FORM

	Route original/copy to:	Other Operator Change
1.	1. Date of Phone Call:	7:00
2.	2. DOGM Employee (name)	•
	Name Ken Mokinney (Initiated Call []) - Pl of (Company/Organization) braken Royalty breke	none No. <u>(564) 893-839/</u> Ham Erengy
3.	3. Topic of Conversation: Open. nm. chg. " brekram Royally	to braham Energy".
4.	4. Highlights of Conversation:  Add' into required by Blooks. I. "San Arroyo Uni  Fougy has sold the wells to North star bas (b	t", also brahram  Lac. Documentation
	* Northstar bas Co. Inc. / Paul Bernard (7 Mailing documentation ABAP.	7/3) 937-4314



Bureau of Land Management Branch of Fluid Minerals (UT-922) P.O. Box 45155 Salt Lake City, Utah 84145-0155

DIVISION OF OIL, GAS & MINING

December 29, 1993

Graham Energy, Ltd. P.O. Box 3134 Covington, Louisiana 70434-3134

> RE: San Arroyo Unit Grand County, Utah

### Gentlemen:

On December 27, 1993, we received an indenture whereby Graham Royalty, Ltd. resigned as Unit Operator and Graham Energy, Ltd. was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

The instrument is hereby approved effective December 29, 1993. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the San Arroyo Unit Agreement.

Your nationwide (Wyoming) oil and gas bond No. 1845 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/S/ Robert A. Henricks

Robert A. Henricks Chief, Branch of Fluid Minerals

#### Enclosure

bcc: District Manager - Moab (w/enclosure)
Division of Oil, Gas & Mining
Division of Lands and Mineral Operations U-942
File - San Arroyo Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron

Fluid Chron

Page No. 12/29/93

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#### WELL STATUS REPORTS UTAH STATE OFFICE

INSPECTION ITEM API NO. WELL QTQT SEC TWN RNG WELL LEASE NAMÉ OPERATOR NUMBER **STATUS** \*\* INSPECTION ITEM 891003859A SAN ARROYO DK MO 891003859A 430191589200S1 11 NESW 15 16S 25E **PGW** UTU05059C GRAHAM ROYALTY LIMITED 430191589300s1 12 UTSL071307 891003859A SWSW 23 16s 25E PGW GRAHAM ROYALTY LIMITED 891003859A v 430191589400S1 13 NESW 22 16S 25E GSI UTU0370A GRAHAM ROYALTY LIMITED 891003859A 430191589500X1-14 SHNE 46-469 25E ABD STATE GRAHAM ROYALTY LIMITED 430191109100s1 15 25F UTU0136529 891003859A NESU 21 165 TA GRAHAM ROYALTY LIMITED ~430191589600S1 16 25F UTU0369 891003859A SESW 26 16S **PGW** GRAHAM ROYALTY LIMITED 891003859A √ 430191589700s1 17 NENE 24 16S 25F **PGW** UTU025243 GRAHAM ROYALTY LIMITED √430191589800s1 18 UTU06023 891003859A NUNU 30 16s 26E GSI GRAHAM ROYALTY LIMITED 891003859A √430191589900s1 19 SWSE 14 16S 25E PGU UTU05011B GRAHAM ROYALTY LIMITED 891003859A √430191590000S1 20 SENE 26 16S 25F **PGW** UTSL071307 GRAHAM ROYALTY LIMITED 25E 891003859A ¥430191590100s1 21 25 165 PGU UTU0369 GRAHAM ROYALTY LIMITED NWSE ~430191590200\$1 22 GRAHAM ROYALTY LIMITED 25F **PGW** 891003859A NENE 15 16s UTU05011A 891003859A √430191590300S1 24 SENW 19 168 26E **PGW** UTU06188 GRAHAM ROYALTY LIMITED 891003859A 430191590400s1 25 SUNE 21 168 25E **PGU** UTU0136529 GRAHAM ROYALTY LIMITED 430191590500s1 26 891003859A SUSU 20 165 26E PGU UTU025297 GRAHAM ROYALTY LIMITED 891003859A 430191590600s1 27 NESW 29 165 26F PGW UTU06021 GRAHAM ROYALTY LIMITED 891003859A √430191590700s1 28 NWNE 29 16S **PGW** UTU05650 GRAHAM ROYALTY LIMITED 26E 891003859A 430191590800s1 29 MENE 22 165 25F UTU0370A PGL GRAHAM ROYALTY LIMITED 891003859A 430191590900s1 30 NWSW 21 16S UTU05650 GRAHAM ROYALTY LIMITED 26E PGU 891003859A √430193052700s1 31 NUNU 22 16S 25E PGW UTU0370A GRAHAM ROYALTY LIMITED 891003859A ~430193052800s1 32 SWSW 14 16S 25E PGW UTU05011B GRAHAM ROYALTY LIMITED 891003859A ~430193060800s1 33 25 16S GRAHAM ROYALTY LIMITED SUSU 25F PGU **UTU0369** 891003859A √430191109000s1 35 SESW 24 16S 25F **PGW** UTU0369 GRAHAM ROYALTY LIMITED 891003859A 430193125100s1 36-A SESE 19 16S 26F PGH UTU06188 GRAHAM ROYALTY LIMITED 891003859A 430193125200s1 37 SWNE GRAHAM ROYALTY LIMITED 20 16S 26F PGU UTU05650 430193125300s1 38 891003859A NESW 16 16S 25E PGU STATE GRAHAM ROYALTY LIMITED 891003859A √430191588700s1 4 SESW 30 **16**S 26E **PGW** UTU06023 GRAHAM ROYALTY LIMITED √430193128900S1 41 891003859A NENE 36 16S 25E **PGU** STATE GRAHAM ROYALTY LIMITED UTU06023 891003859A ~430193129000s1 42 30 26E **PGW** GRAHAM ROYALTY LIMITED NESE 168 29 16S 891003859A ~430193129100s1 43 PGW UTU06021 GRAHAM ROYALTY LIMITED NESE 26E 891003859A 430193130100s1 44 SENE 30 16S 26F PGW UTU06023 GRAHAM ROYALTY LIMITED 891003859A 430193129900S1 45 20.16S 26E UTU05650 GRAHAM ROYALTY LIMITED NUSE PGU 891003859A 430193131800s1 47 GRAHAM ROYALTY LIMITED NENE 31 168 26F PGU U06023 891003859A 430193131600s1 49 NENW 29 16**S** 26E PGW UTU025245 GRAHAM ROYALTY LIMITED 891003859A × 430191589000s1 8 SWSW 16 16S 25E PGW GRAHAM ROYALTY LIMITED STATE 891003859A GRAHAM ROYALTY LIMITED 430191589100s1 9 NWNE 27 16S 25F PGU UTU0370A \*\* INSPECTION ITEM 891003859B SAN ARROYO EN 891003859B 430191653200s1 1 SENW 26 16S 25E PGW UTSL071307 GRAHAM ROYALTY LIMITED 891003859B GRAHAM ROYALTY LIMITED ¥430191588500s1 2 SENW 22 16S 25F **PGW** UTU0370A 891003859B ~430191588600s1 3 SENW 23 16S 25E GSI UTU0369 **GRAHAM ROYALTY LIMITED** 891003859B √430193125000S1 40 GRAHAM ROYALTY LIMITED NUNF 27 16\$ 25F PGW UTU0370A

NWSE

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PGW

UTU0369

UTU0136529

GRAHAM ROYALTY LIMITED

**GRAHAM ROYALTY LIMITED** 

	OR CHANGE HORKSHEET	Routing:
	ll documentation received by the division regarding this change. each listed item when completed. Write N/A if item is not applicable.	2-DEN 8-FILE 3-VLC
	ge of Operator (well sold)  Unation of Operator  Unation Ope	4-RJF1 V 5-ELCIP 6-FI
The ope	erator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-93	)
TO (new	HOUSTON, TX 77040 HOUSTON, TX phone (713 ) 937-4314 phone (71	TAR GAS CO INC REEWAY STE 203
Hell(s)	(attach additional page if needed): *SAN ARROYO UNIT, NW-115, ETC.	
Name:_ Name:_ Name:_ Name:_ Name:_	API:         Entity:         SecTwpRng           API:         Entity:         SecTwpRng           API:         Entity:         SecTwpRng           API:         Entity:         SecTwpRng	Lease Type: Lease Type: Lease Type: Lease Type: Lease Type: Lease Type:
Lee 1.	(Rule R615-8-10) Sundry or other <u>legal</u> documentation has been recei operator (Attach to this form). (Legal 1-16-93)  (Rule R615-8-10) Sundry or other <u>legal</u> documentation has been received f (Attach to this form). Sundry or other <u>legal</u> documentation has been received f (Attach to this form). See Greham Royally, 500, Braham Energy, 510 and Braham Resources  The Department of Commerce has been contacted if the new operator above operating any wells in Utah. Is company registered with the state? (Yor yes, show company file number: #100783	rom <u>new</u> operator <i>Inc.</i> is not currently
<u>Lec</u> 4.	(For Indian and Federal Wells ONLY) The BLM has been contacted regard (attach Telephone Documentation Form to this report). Make note of comments section of this form. Management review of Federal and Indichanges should take place prior to completion of steps 5 through 9 below.	<sup>r</sup> BLM status ir <b>an</b> well operator
<u>Le</u> 5.	Changes have been entered in the Oil and Gas Information System (Wang/IB listed above. $(1-10-94)$	M) for each well
<u>he</u> 6.	Cardex file has been updated for each well listed above. (1-10-94)	
Lec 7.	Well file labels have been updated for each well listed above. (1-10-94)	
<u>fic</u> 8.	Changes have been included on the monthly "Operator, Address, and Account for distribution to State Lands and the Tax Commission. $(1-10-94)$	nt Changes" memo
Lec 9.	A folder has been set up for the Operator Change file, and a copy of the placed there for reference during routing and processing of the original	

'ERATOR CHANGE WORKSHEET (CONTINUED) In tial each item when completed. Write Now if item is not applicable.
ENTITY REVIEW
1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. We entity changes made? (yes no) (If entity assignments were changed, attach copies form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures entity changes.
BOND VERIFICATION (Fee wells only) # 50,000 Surely "St. Paul Fine and Marine Ins. Bo", No chy. newssary, no Fre wells  ourrently associated with bond.
NA1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
All 3. The former operator has requested a release of liability from their bond (yes/no)    Today's date 19 If yes, division response was made by letter dated 19
LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY
1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has be notified by letter dated
2. Copies of documents have been sent to State Lands for changes involving State leases.
FILMING
1. All attachments to this form have been microfilmed. Date: Mach 10 1994
FILING
1. Copies of all attachments to this form have been filed in each well file.
2. The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operat Change file.
COMMENTS
940107 Btm/s.4. Approved C.A. NW-115 and San arroyo Unit ef. 12-29-93.
<u> </u>

Form 9

# STATE OF UTAH

6.	Loase	Designation	bna no	Serial	Number

DIVISION OF OIL, GAS AND MININ	
SUNDRY NOTICES AND REPORTS C	7. Indian Allottee or Tribe Name
Do not use this form for proposals to drill new walls; deepan existing wells, or to re- Use APPLICATION FOR PERMIT— for such propo	salá
	891003859A
1. Type of Well Oil (X) Gas (Specify)	9. Well Name and Number
Other (specify)	SEE BELOW
2. Name of Operator	10. API Well Number
NORTHSTAR GAS COMPANY INC.	SEE BELOW
3. Address of Operator 15000 NORTHWEST FWY, SUITE 20	11. Field and Pool, or Wildcat
HOUSTON TX 77040	713-937-4314   SAN ARROYO UNIT
5. Location of Well	
Footage :	County: GRAND
QQ, Sec. T., R., M. :	State : UTAH
12 CHECK APPROPRIATE BOXES TO INDICATE N.	ATURE OF NOTICE, REPORT, OR OTHER DATA
NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
Abandonment New Construction Casing Repair Pull or Alter Casing Change of Plans Recompletion Conversion to Injection Shoot or Acidize Fracture Treat Vent or Flare Multiple Completion Water Shut-Off Other  Approximate Date Work Will Start	Abandonment * New Construction Casing Repair Pull or Alter Casing Change of Plans Shoot or Acidize Conversion to Injection Vent or Flare Fracture Treat Water Shut-Off Other CHANGE OF OPERATOR  Date of Work Completion  Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
	Must be accompanied by a comunt verification report.
13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertir locations and measured and true vertical depths for all markers and zones pertir	nent details, and give pertinent dates. If well is directionally drilled, give subsurface ment to this work.)
	R AS OPERATOR FROM GRAHAM ROYALTY LTD. E OF SALE 09-01-93.

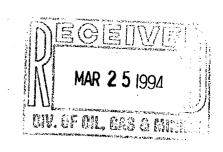
Well Name A	PI # Loc	cation
San Arroyo 20 4 San Arroyo 21 4 San Arroyo 22 4 San Arroyo 24 4 San Arroyo 25 4 San Arroyo 26 4 San Arroyo 27 4 San Arroyo 28 4 San Arroyo 28 4 San Arroyo 29 4	301915900       168         301915901       168         301915902       168         301915903       168         301915904       168         301915905       168         301915906       168         301915907       168         301915908       168	S 25E 14 S 25E 26 S 25E 25 S 25E 15 S 26E 19 S 26E 20 S 26E 29 S 26E 29 S 26E 29 S 25E 21

14. I heroby certify that the foregoing is true and correct

Name & Signature (State Use Only)



Bureau of Land Management
Branch of Fluid Minerals
P.O. Box 45155
Salt Lake City, Utah 84145-0155



March 23, 1994

Northstar Gas Company, Inc. 820 Gessner, Suite 1630 Houston, Texas 77024

> Re: San Arroyo Unit Grand County, Utah

### Gentlemen:

On March 17, 1994, we received an indenture dated November 29, 1993, whereby Graham Energy, Ltd. resigned as Unit Operator and Northstar Gas Company, Inc. was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

The instrument is hereby approved effective March 23, 1994. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Unit Agreement.

Your statewide (Utah) oil and gas bond No. UT0845 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

Robert A. Henricks Chief, Branch of Fluid Minerals

#### Enclosure

bcc: District Manager - Moab (w/enclosure)
Division of Oil, Gas & Mining
Division of Lands and Mineral Operations U-942
File - San Arroyo Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-922:TAThompson:tt:03-23-94

Page No. 03/23/94

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GRAHAM ENERGY LIMITED

GRAHAM ENERGY LIMITED

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GRAHAM ENERGY LIMITED

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			UTAH STATE OFFICE				CE	MY. OF CH. CAS O LARGE !			\$ <b>1</b>
	4D7 NO		TQT		TWN	RNG	WELL	LEASE NAME		OPERA	TOD
INSPECTION ITEM	API NO.	WELL C	HUI	3EC	IWN	KNG .	STATUS	FEWSE NAME		UPERA	IUK
		WONDER									
	-		•						•		
** INSPECTION ITEM 8910		SAN ARROYO									
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891003859A	430191589300s1 1		WSW		16S	25E		UTSL071307	GRAHAM E		
891003859A	430191589400s1 1				16S	25E	GSI	UTU0370A	GRAHAM E		
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891003859A	430191589600S1 1	6 S	ESW	26	16S	25E	PGW	UTU0369	GRAHAM E	NERGY	LIMITED
891003859A	430191589700s1 1	7 N	IENE	24	16S	25E	PGW	UTU025243	GRAHAM E	NERGY	LIMITED
891003859A	430191589800S1 18	8 N	WNW	30	16S	26E	GSI	UTU06023	GRAHAM E	NERGY	LIMITED
891003859A	430191589900s1 19	9 s	WSE	14	16S	25E	PGW	UTU05011B	GRAHAM E	NERGY	LIMITED
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891003859A	430191590600s1 2		ESW		168	26E		UTU06021	GRAHAM E		
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891003859A	430191590900S1 3		WSW		16S	26E		UTU05650	GRAHAM E		
891003859A	430193052700s1 3		WNW		165	25E		UTU0370A	GRAHAM E		
891003859A	430193052800s1 3		WSW		16S	25E	PGW	UTU05011B	GRAHAM E		
891003859A	430193060800s1 3		WSW		16S	25E		UTU0369	GRAHAM E		
891003859A	430191109000S1 3:		ESW		168	25E	PGW	UTU0369	GRAHAM E		
891003859A	430193125100S1 3	-	ESE		168	26E	PGW	UTU06188	GRAHAM E		
	430193125200S1 3		WNE		168	26E	PGW	UTU05650	GRAHAM E		
891003859A 891003859A	430193125300S1 3				16S	25E	PGW	STATE	GRAHAM E		
			ESW								
891003859A	430191588700\$1 4		ESW		16S	26E	PGW	UTU06023	GRAHAM E		
891003859A	430193128900\$1 4		ENE		16S	25E	PGW	STATE	GRAHAM E		
891003859A	430193129000s1 4		ESE		168	26E		UTU06023	GRAHAM E		
891003859A	430193129100s1 4		ESE		16S	26E		UTU06021	GRAHAM E		
891003859A	430193130100s1 4		ENE		168	26E	PGW :	UTU06023	GRAHAM E		
891003859A	430193129900s1 4	5 N	IWSE	20	168	26E	PGW	UTU05650	GRAHAM E	NERGY	LIMITED

	* .						
** INSPECTION	ITEM 891003859B	SAN ARROYO EN					er e
891003859B	43019165320081	1 SENW	26 1	16S 2	5E PGI	W UTSL071307	GRAHAM ENERGY LIMITED
891003859B	430191588500\$1	2 SENW	22 1	l6S 2	SE PGI	UTU0370A	GRAHAM ENERGY LIMITED
891003859В	430191588600s1	3 SENW	23 1	l6s 2	SE GS	I UTU0369	GRAHAM ENERGY LIMITED
891003859B	430193125000s1	40 NWNE	27 1	16S 2	SE PGI	W UTU0370A	GRAHAM ENERGY LIMITED
891003859B	430191588800\$1	5 NWSE	25 1	16S 2	SE PGI	₩ UTU0369	GRAHAM ENERGY LIMITED
891003859B	430191588900s1	6 SWNE	21 1	16S 2	5E PGI	UTU0136529	GRAHAM ENERGY LIMITED

SWSW 16 16S

NWNE 27 16S

NENW

31 16S

29 16S

26E

26E

25E

25E

**PGW** 

**PGW** 

**PGW** 

PGW

U06023

STATE

UTU025245

UTU0370A

• •	•		
Division OPERATO	of Oil, Gas and Mining R CHANGE WORKSHEET		Routing:
Attach al Initial e	l documentation received by the division rega ach listed item when completed. Write N/A if	rding this change. item is not applicable.	2=DT\$ 38-FILE 3-VLC 4-R.III
XX Chang □ Desig		Designation of Agent Operator Name Change Only	5-III
The ope	rator of the well(s) listed below ha	s changed (EFFECTIVE DATE:	9-1-93
	operator) (address)  **NORTHSTAR GAS COMPANY INC  **B20 GESSNER #1630**  HOUSTON, TX 77024**  PAUL BERNARD  phone (713)935-9542  account no. N6680**	EDOM (former operator)	
Hell(s)	(attach additional page if needed):	**SAN ARROYO UNIT	
Name:_ Name:_ Name:_ Name:	API:API:API:API:API	Entity:SecTwEntity:SecTwEntity:SecTwEntity:SecTw Entity:SecTw	pRiigLease Type: pRiigLease Type: pRiigLease Type:
100 1	R CHANGE DOCUMENTATION  (Rule R615-8-10) Sundry or other operator (Attach to this form). (hg. 1-	<u>legal</u> documentation has -14-94) (leg. 3-28-94) (lee's Bill of Sell	been received from <u>former</u>
<u>Lu</u> 2.	(Rule R615-8-10) Sundry or other <u>lec</u> (Attach to this form). (Ruld 1-14-94)	gal documentation has been	received from <u>new</u> operator
<u>he</u> 3.	The Department of Commerce has been operating any wells in Utah. Is coyes, show company file number: #1442	ompany registered with the	ator above is not currently state? (yes/no) If
<u>Lec</u> 4.	(For Indian and Federal Hells ONLY (attach Telephone Documentation Fo comments section of this form. Ma changes should take place prior to c	orm to this report). Ma nagement review of F <mark>edera</mark> completion of steps 5 throu	ke note of BLM status in I and Indian well operator igh 9 below.
4	Changes have been entered in the Oillisted above. [3-31-94]		•
<u>Lec</u> 6.	Cardex file has been updated for eac	ch well listed above.[331-9	47
Lec 7.	Well file labels have been updated f	or each well listed above,	(3-31-94)
Λ	Changes have been included on the modern for distribution to State Lands and	the lax Commission. (3-31-94	1
Lec 9.	A folder has been set up for the Opplaced there for reference during ro	perator Change file, and a outing and processing of th	copy of this page has been ne original documents.

ERATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.
ENTITY REVIEW
1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. We entity changes made? (yes/no) (If entity assignments were changed, attach copies form 6, Entity Action Form).
NA 2. State Lands and the Tax Commission have been notified through normal procedures entity changes.
BOND VERIFICATION (Fee wells only)
1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) Today's date 19 If yes, division response was made by letter dated 19
LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY
1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has be notified by letter dated
2. Copies of documents have been sent to State Lands for changes involving State leases.
FILMING
1. All attachments to this form have been microfilmed. Date: 4-19 1994
FILING
1. Copies of all attachments to this form have been filed in each well file.
Lc 2. The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operat Change file.
COMMENTS
940328 B/m /5.4. Aprv. eff. 3-23-94.

WE71/34-35

FORM 10

Name and Signature:

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page <u>-1</u> of <u>5</u>

Telephone Number:\_\_\_

# MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:			UTAF	I ACCOUNT NUMBER:	N6680				
KATHY TUSON NORTHSTAR GAS COMPANY I 820 GESSNER #1630 HOUSTON TX 77024		REPORT PERIOD (MONTH/YEAR): 4 / 96  AMENDED REPORT (Highlight Changes)							
			1 _	· · · · · · · · · · · · · · · · · · ·					
Well Name  API Number Entity Location	Producing	Well	Days	OIL(BBL)	Production Volumes	WATED (DDI.)			
API Number Entity Location  SAN ARROYO UNIT #35  4301911090 00500 16S 25E 24	Zone	Status	Oper	U-6369	GAS(MCF)	WATER(BBL)			
4301311030 00300 103 23€ 24 √SAN ARROYO 4 4301915887 00500 16S 26E 30	DKTA			U-06023					
SAN ARROYO 8 4301915890 00500 16S 25E 16	DKTA			11-0369					
SAN ARROYO 9 4301915891 00500 16S 25E 27	DKTA			SL-0376-A					
SAN ARROYO 11 4301915892 00500 16S 25E 15	SLTW			U-05059C					
SAN ARROYO 12 6201915893 00500 16S 25E 23 ARROYO 13	DKTA	··· · · · · · · · · · · · · · · · · ·		SL-07/307					
4301915894 00500 16S 25E 22 VSAN ARROYO 16	DK-MR			U-0370A					
4301915896 00500 16S 25E 26 VSAN ARROYO 17	CM-MR			11-0369					
4301915897 00500 16S 25E 24 	DK-MR			11-025243					
4301915898 00500 16S 26E 30 VSAN ARROYO 19	DK-CM		-	4-06023					
4301915899 00500 16S 25E 14 SAN ARROYO 20	DKTA			U-05011-B					
4301915900 00500 16S 25E 26 SAN ARROYO 21	DKTA			5L-07/307					
4301915901 00500 16S 25E 25	DKTA			4-0369					
			TOTALS						
COMMENTS:									
			<del></del>						
						\			



DIV. OF OIL, GAS & MINING

**United States Department of the Interior** 

# BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: UT-922

May 13, 1996

Re: San Arroyo Unit Grand County, Utah

Enogex Exploration Corporation P.O. Box 24300 Oklahoma City, Oklahoma 73124-0300

### Gentlemen:

On April 29, 1996, we received an indenture dated April 19, 1996, whereby Northstar Gas Company, Inc. resigned as Unit Operator and Enogex Exploration Corporation was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the San Arroyo Unit Agreement. The instrument is hereby approved effective May 13, 1996.

Your statewide (Utah) oil and gas bond No. 1044 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks Chief, Branch of Fluid Minerals

### **Enclosure**

bcc:

District Manager - Moab (w/enclosure)

Division of Oil Gas & Mining

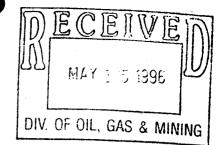
Division of Lands and Mineral Operations U-942

File - San Arroyo Unit (w/enclosure) MMS - Data Management Division

Agr. Sec. Chron Fluid Chron

Page No. 05/13/96

WELL STATUS REPORTS
UTAH STATE OFFICE



INSPECTION	ITEM

API NO.

WELL Number QTQT SEC TWN

G WELL STATUS LEASE NAME

OPERATOR

•	* INSPECTION I	TEM 891003859A	SAN	ARROYO DK M	0								
	891003859A	430191589200s1	11	NESW	15	168	25E	PGW	UTU05059C	NORTHSTAR	CAC	COMPAN	
	891003859A	430191589300s1	12	SUSU	23	16S	25E	PGW	UTSL071307	NORTHSTAR			
	891003859A	430191589400s1	13	NESW	22	16S	25E	GSI	UTU0370A	NORTHSTAR			
~	891003859A	430191589500x1	14	SWNE	16	16\$	25E	P+A	STATE	NORTHSTAR			
	891003859A	430191109100s1	15	NESW	21	16S	25E	TA	UTU0136529	NORTHSTAR			
	891003859A	430191589600s1	16	SESW	26	16S	25E	PGW	UTU0369	NORTHSTAR			
	891003859A	430191589700s1	17	NENE	24	165	25E	PGW	UTU025243	NORTHSTAR			
	891003859A	430191589800s1	18	NUNU	30	16S	26E	PGW	UTU06023	NORTHSTAR			
	891003859A	430191589900s1	19	SWSE	14	168	25E	PGW	UTU05011B	NORTHSTAR			
	891003859A	430191590000s1	20	SENE	26	165	25E	PGW	UTSL071307	NORTHSTAR			
	891003859A	430191590100\$1	21	NWSE	25	168	25E	PGW	UTU0369	NORTHSTAR			
	891003859A	430191590200\$1	22	NENE	15	16S	25E	PGW	UTU05011A	NORTHSTAR			
	B91003859A	430191590300\$1	24	SENW	19	168	26E	PGW	UTU06188	NORTHSTAR			
	891003859A	430191590400s1	25	SWNE	21	165	25E	PGW	UTU0136529	NORTHSTAR			
	891003 <u>8</u> 59A	430191590500\$1	26	SWSW	20	168	26E	PGW	UTU025297	NORTHSTAR			
1	B91003859A	430191590600\$1	27	NESW	29	16S	26E	PGW	UTU06021	NORTHSTAR			
	391003859A	430191590700s1	28	NWNE	29	16S	26E	PGW	UTU05650	NORTHSTAR			
1	891003859A	43019159080081	29	NENE	22	16S	25E	PGW	UTU0370A	NORTHSTAR			
1	39100 <b>38</b> 59A	43019159090081	30	NWSW	21	16S	26E	PGW	UTU05650	NORTHSTAR			
8	391003859A	430193052700s1	31	NUNU	22	165	25E	PGW	UTU0370A	NORTHSTAR			
, ا	391003859A	430193052800s1	32	SWSW	14	168	25E	PGW	UTU05011B	NORTHSTAR			
	891003859A	430193060800\$1	33		25 '		25E	PGW	UTU0369	NORTHSTAR			
8	191003859A	430191109000s1	35	SESW	24 :	165	25E	PGW	UTU0369	NORTHSTAR			
8	91003859A	430193125100s1	36-A	SESE	19 1	16S	26E	PGW	UTU06188	NORTHSTAR			
8	91003859A	430193125200\$1	37	SWNE	20 1	16S	26E	PGW	UTU05650	NORTHSTAR			
8	91003859A	430193125300s1	38	NESW	16 1	168	25E	PGW	STATE	NORTHSTAR			
8	91003859A	430191588700s1	4	SESW :	<b>5</b> 0 1	l6s	26E	PGW	UTU06023	NORTHSTAR			
8	91003859A	430193128900s1	41	NENE 3	36 1	16S	25E	PGW	STATE	NORTHSTAR			
8	91003859A	430193129000s1	42			165	26E	PGW	UTU06023	NORTHSTAR			
8	91003859A	430193129100s1	43		29 1		26E	PGW	UTU06021	NORTHSTAR			
8	91003859A	430193130100s1	44		50 1		26E	PGW	UTU06023	NORTHSTAR			
8	91003859A	430193129900s1	45		20 1		26E	PGW	UTU05650	NORTHSTAR			
8	91003859A	430193131800s1	47		1 1		26E	PGW	U06023	NORTHSTAR			-
8	91003859A	430193131600s1	49		9 1	6S	26E	PGW	UTU025245	NORTHSTAR			
. 8	91003859A	430191589000s1	8		6 1		25E	PGW	STATE	NORTHSTAR			
8	91003859A	430191589100s1	9	NUNE 2	7 1	65		PGW	UTU0370A	NORTHSTAR			
		,										JOI 11 7111 1	••
**	INSPECTION ITE	EN 891003859B	SAN A	RROYO EN									
8	910038598	430191653200s1	1	SENW 2	6 1	6S	25E	PGW	UTSL071307	NORTHSTAR	AS	COMPANY	INC
8	91003859B	430191588500s1	2	SENW 2	2 1	6S	25E	PGW	UTU0370A	NORTHSTAR (			
R	91003859B	430191588600s1	3	SENW 2	3 1	6S	25E	GSI	UTU0369	NORTHSTAR (			
•		/7040743500004	· ^	MME 3			00-				_		
8	91003859B	430193125000s1 4	+0	NWNE 2	7 1	65	25E	PGW	UTU0370A	NORTHSTAR (	AS	COMPANY	INC
8	910038598 910038598	430191588800s1 5	-	NWNE 2			25E	PGW PGW	UTU0370A UTU0369	NORTHSTAR (			



600 Central Park Two / 515 Central Park Drive / Oklahoma City, OK 73105 Post Office Box 24300 / Oklahoma City, Oklahoma 73124-0300 405 525-7788 / FAX 405 557-5258

May 21,1996

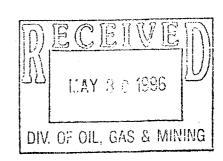
Ms. Lisha Cordova State of Utah Department of Oil, Gas & Mining Salt Lake City, Utah 84111-2303

Re:

Acquisition of Producing Properties

and Operatorship from Northstar Resources

Grand and Uintah Counties, Utah



Dear Ms. Cordova:

Enogex Exploration Corporation acquired the working interest and operatorship of certain properties in Grand and Uintah Counties, Utah from Northstar Resources, Inc. effective 5/1/96. In this regard we enclose the following for the records:

- 1. Original Sundry Notices filed in triplicate for each of the wells on the three leases where the State of Utah owns the mineral rights.
- 2. Three copes each of the Sundry Notices for the 1 Gilbert and the 27-1 which has been approved by the BLM.
- 3. A copy of the Resignation of Unit Operator and Designation of Successor Unit Operator for the San Arroyo Unit along with approval of same by the BLM.
- 4. A copy of the Successor Operator of Communitization Agreement NW-115 along with approval of same by the BLM.
- A list of the wells and locations which Enogex Exploration Corporation acquired from Northstar Resources and will be operating.

Please be advised we provided our State of Utah Blanket Bond in the amount of \$80,000 with our letter dated April 16, 1996, to the School & Institutional Trust. Lands Administration

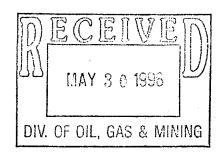
If any thing further is needed, please contact the undersigned at 405 557-5281.

Sincerely,

Claudine Gilliam Senior Landman

DBM 9	STATE OF UTAH							
	DIVISION OF OIL, GAS AND MINING							
SUNDRY	NOTICES AND REPORT	S ON WELLS	if Indian, Allottee or Tribe Name;  7. Unit Agreement Name;					
Do not use this form for propos Use APPLC	8. Well Name and Number:							
ype of Well: OIL GAS A	San Arroyo Unit							
ENOGEX EXPLORATION Address and Telephone Number: P.O. Box 24300, Ol	clahoma City, OK 73124	-0300 405 557-5281	10. Field and Pool, or Wildcat:					
	PRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPO	county: Grand State: Utah  ORT, OR OTHER DATA  QUENT REPORT					
	□ New Construction □ Pull or Alter Casing □ Recomplete □ Reperforate □ Vent or Flare □ Water Shut-Off	Csubant  ☐ Abandon ☐ Repair Casing ☐ Change of Plans ☐ Convert to Injection ☐ Fracture Treat or Acidize ☐ Change of Op ☐ Date of work completion ☐ Date of work completion	Original Form Only)   New Construction   Pull or Alter Casing   Reperforate   Vent or Flare   Water Shut-Off					
pproximate date work will start	·	COMPLETION OR RECOMPLETION RE	Peport results of Multiple Completions and Recompletions to different reservoirs on WEL COMPLETION OR RECOMPLETION REPORT AND LOG form.  Must be accompanied by a cement verification report.					

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and g vertical depths for all markers and zones pertinent to this work.)



Name & Signature: Claudine Gill	ram Lilliam	Tritle:	Senior Landman	5/20/96 Date:



# United States Department of the Interior

#### **BUREAU OF LAND MANAGEMENT**

Utah State Office 324 South State, Suite 301 Salt Lake City, Utah 84111-2303

May 13, 1996

Enogex Exploration Corporation P.O. Box 24300 Oklahoma City, Oklahoma 73124-0300

Re:

San Arroyo Unit Grand County, Utah

#### Gentlemen:

On April 29, 1996, we received an indenture dated April 19, 1996, whereby Northstar Gas Company, Inc. resigned as Unit Operator and Enogex Exploration Corporation was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the San Arroyo Unit Agreement. The instrument is hereby approved effective May 13, 1996.

Your statewide (Utah) oil and gas bond No. 1044 will be used to cover all operations within the San Arroyo Unit.

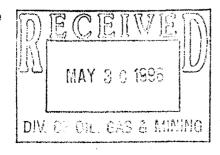
It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

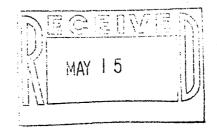
Sincerely,

Robert A. Henricks

Chief, Branch of Fluid Minerals

**Enclosure** 





#### RESIGNATION OF UNIT OPERATOR

### SAN ARROYO UNIT AREA

COUNTY OF GRAND

STATE OF UTAH

UNIT AGREEMENT NO. 14-08-001-3859

Under and pursuant to the provisions of Section 5 of the Unit Agreement for the Development and Operation of the San Arroyo Unit Area, Grand County, Utah, Northstar Gas Company, Inc., the designated Unit Operator under said Unit Agreement, does hereby resign as Unit Operator, effective upon the selection and approval of a successor Unit Operator.

EXECUTED with effect as aforesaid the 13 day of 1996.

ATTEST:

NORTHSTAR GAS COMPANY, INC.

Title Corporate Soundary

By: K. It M. Mck.
Title: E. Vice President

RESIGNATION OF UNIT OPERATOR

SAN ARROYO UNIT AREA

COUNTY OF GRAND

STATE OF UTAH

UNIT AGREEMENT NO. 14-08-001-385

THIS INDENTURE, dated as of the /// day of Upuk, 1996, by and between ENOGEX EXPLORATION CORPORATION, hereinafter designated as "First Party", and the owners of the unitized working interests, hereinafter designated as "Second Parties",

Return to: Enogex Exploration Corporation Post Office Box 24300 Oklahoma City, OK 70124-0300

#### WITNESSETH:

WHEREAS, under the provisions of the Act of February 15, 1920, 4 Stat. 437, 30 U.S.C. Sec. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior, on the 2nd day of August, 1957, approved a Unit Agreement for the San Arroyo Unit Area, wherein Sinclair Oil Company was designated as Unit Operator, and

WHEREAS, Northstar Gas Company, Inc. by subsequent designation is currently Unit Operator, but has resigned hereby as such Operator and the designation of a successor Unit Operator is now required pursuant to the terms thereof, and

WHEREAS, the First Party has been and hereby is designated by Second Parties as Unit Operator, and said First Party desires to assume all the rights, duties and obligations of Unit Operator under the same Unit Agreement.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the premises hereinafter stated, the First Party hereby covenants and agrees to fulfill the duties and assume the obligations of Unit Operator under and pursuant to all the terms of the San Arroyo Unit agreements, and the Second Parties covenant and agree that, effective upon approval of this indenture by the chief, Branch of Fluid Minerals, Bureau of Land Management, First Party shall be granted the exclusive privileges as Unit Operator, pursuant to the terms and conditions of said Unit Agreement; said Unit Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Unit Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

ATTEST:

FIRST PARTY

ENOGEX EXPLORATION CORPORATION

BY: John V. / (Olozuk PITLE: SCTRSTARN)

DATE: 4/19/96

ATTEST:	SECOND PARTY
	NORTHSTAR GAS COMPANY, INC.
BY: Katt M. McL TITLE: Compopare Secretary	BY: Ke St M. Mck TITLE: E. Vice President DATE: 4/23/96
	BOOK CLIFFS OIL & GAS COMPANY
BY:TITLE:	BY:TITLE: DATE:
	NATIONAL FUEL CORPORATION
BY:TITLE:	BY:TITLE: DATE:
STATE OF TEXAS ) ) SS COUNTY OF HARRIS )	
day of <i>APRIL</i> , 1996,	nowledged before me on the <u>A3RD</u> by Kenneth M. McKinney, as NORTHSTAR GAS COMPANY, INC., a

Texas Corporation, on behalf of said corporation.

Notary Public in and for the State of TEXAS

My commission expires 11/8/99



STATE OF OKLAHOMA )
COUNTY OF OKLAHOMA )
This instrument was acknowledged before me on the delivery of the following the follow
STATE OF ) ) SS COUNTY OF )
The foregoing instrument was acknowledged before me thisday of, 1996, by, as, and by, as Assistant Secretary of BOOK CLIFFS OIL & GAS COMPANY, a corporation.  WITNESS my hand and official seal.
Notary Public My Commission Expires:
Place of Residence:

STATE OF		)				
COUNTY OF		) SS )				
	foregoing _day of					me
						, as
Assistant	Secretar	y of N rporation	NATIONAL	FUEL		a
My Commis	sion Expire	∋s:	N	otary P	ublic	<u></u> ,-
Place of	Residence:		~~	J	j.	

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Division of Oil, Gas and Mining

#### **OPERATOR CHANGE WORKSHEET**

Attach all documentation received by the division regarding this change. Initial each listed item when completed. Write N/A if item is not applicable. 1-LEC 6-LEC 2-GLH/F/1 7-KDR 3-DF8-25(5) 8-SJ 4-VLD 9-FILE 5-RJF

	5-RJF V
	hange of Operator (well sold)  Designation of Agent  Operator Name Change Only
The o	perator of the well(s) listed below has changed, effective: _5-13-96
ТО: (1	ew operator) ENOGEX EXPLORATION CORP. (address) FROM: (old operator) NORTHSTAR GAS COMPANY INC. (address) OKLAHOMA CITY OK 73124-0300 (address) HOUSTON TX 77024
	Phone: (405)525-7788  Account no. N7430  Phone: (713)935-9542  Account no. N6680
WELL	(S) attach additional page if needed: *SAN ARROYO UNIT
Name:	*SEE ATTACHED**  API: 43-019-1590 Entity: S T R Lease:  API: Entity: S T R Lease:
OPER.	TOR CHANGE DOCUMENTATION
<u>Le</u> 1	
N/A 3	The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) If yes, show companing number:
<u>Lec</u> 4.	FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this chang Make note of BLM status in comments section of this form. BLM approval of Federal and Indian we operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
<u>Lec</u> 5.	Changes have been entered in the Oil and Gas Information System (3270) for each well listed above
<u>Lec</u> 5.	Cardex file has been updated for each well listed above. (6-13-96)
1/2 7.	Well file labels have been updated for each well listed above. (6-13-96)
<i>∨</i> <u>∠</u> 8.	, · · · · · · · · · · · · · · · · · · ·
4 40 9.	A folder has been set up for the Operator Change file, and a copy of this page has been placed ther for reference during routing and processing of the original documents.



Utah Department of Commerce
Division of Corporations & Commercial Code
160 East 300 South, 2nd Floor, Rex 146705
Salt Lake City, UT 84114-6705
Service Center: (801) 530-4849
Toli Free: (877) 526-3994 Utah Residents
Fax: (801) 530-6438
Web site: http://www.commerce.state.ut.us

CRESCENDO ENERGY, LLC

August 4, 2000

# CERTIFICATE OF EXISTENCE

Registration Number:

PENDING

Business Name:

CRESCENDO ENERGY, LLC

Registered Date: Foreign or Domestic:

JULY 13, 2000 FOREIGN

Current Status:

GOOD STANDING

The Division of Corporations and Commercial Code of the State of Utah, custodian of the records of business registrations, certifies that the business entity on this certificate is authorized to transact business and was duly registered under the laws of the State of Utah.



Lorena Riffo-Jenson
Division Director of
Corporations and Commercial Code

Dept. of Professional Licensing (801)530-6628

Real Estate (801)530-6747

Public Utilities (801)530-6651

Securities (801)530-6600

Consumer Protection (801)530-6601

#### RESIGNATION OF UNIT OPERATOR

San Arroyo Unit Area

County of

State of Utah

Unit Agreement No. 14-08-001-3859

Under and pursuant to the provisions of Section 5 of the Unit Agreement for the Development and Operation of the San Arroyo Unit Area, Grand County, Utah, Enogex Exploration Corporation, the designated Unit Operator under said Unit Agreement, does hereby resign as Unit Operator, effective upon the selection and approval of a successor Unit Operator.

EXECUTED with effect as aforesaid the 30th day of June, 2000.

**ENOGEX EXPLORATION CORPORATION** 

Name: Dennis F. Jaggi

Title: Vice President

DESIGNATION OF SUCCESSOR UNIT OPERATOR

San Arroyo Unit Area

County of

State of Utah

Unit Agreement No. 14-08-001-3859

THIS INDENTURE, dated as of the 30th day of June, 2000, by and between Crescendo Energy, L.L.C., hereinafter designated as "First Party", and the owners of unitized working interests, hereinafter designated as "Second Parties",

WITNESSETH:

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs.

181, et seg., as amended by the Act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior, on the

2nd day of August, 1957, approved a Unit Agreement for the San Arroyo Unit Area, wherein Sinclair Oil

Company was designated as Unit Operator, and

WHEREAS Enogex Exploration Corporation by subsequent designation is currently Unit

Operator, but has resigned as such Operator and the designation of a successor Unit Operator is now

required pursuant to the terms thereon; and

WHEREAS the First Party has been and hereby is designated by Second Parties as Unit

Operator, and said First Party desires to assume all the rights, duties and obligations of Unit Operator

under the said Unit Agreement:

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises

hereinafter stated, the First party hereby covenants and agrees to fulfill the duties and assume the

obligations of Unit Operator under and pursuant to all the terms of the San Arroyo Unit Agreements, and

the Second Parties covenant and agree that, effective upon approval of this indenture by the Chief,

Branch of Fluid Minerals, Bureau of Land Management, First Party shall be granted the exclusive right

and privilege of exercising any and all rights and privileges as Unit Operator, pursuant to the terms and

conditions of said Unit Agreement; said unit Agreement being hereby incorporated herein by reference

and made a part hereof as fully and effectively as though said Unit Agreement were expressly set forth in

this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date

hereinabove set forth.

FIRST PARTY:

CRESCENDO ENERGY, L.L.C.

BY: CRESCENDO ENERGY PARTHERS, LLC, ots manager

By:

#### SECOND PARTIES:

ENOGEX EXPLORATION CORPORATION
By: Dennis of Jun.
Name: Dennis F. Jag
Title: Vice-President
Execution Date: 7 //o /o o
BOOK CLIFFS OIL & GAS COMPANY
By: O.L. Catt
Name: D. L. Catt
Title: Vice President
Execution Date: 7 - 18-00
NATIONAL FUEL CORPORATION
Bu O Mileau Ase
By: A A Moughton
And the second s
Name: J.C. THOMPSON
Chairman
Title:
Execution Date: 8/7/00
Execution Date: 6///
<del></del>

#### CORPORATE ACKNOWLEDGEMENT

	Calvin				
	STATE OF TEXAS	)			
	COUNTY OF Seroma	) SS )		4	
			/4	• '	
house of E.	Show This instrument was	acknowledged	before me on the	day of , 2000, ndo Energy, L.L.C., on behal	by if of
	said corporation.	S VI PAPPE	THE PROPERTY OF CICSOCI	ido Efforgy, E.E.O., on Sonai	
,	WITNESS my hand and official s	seal.		1	
	Donna L. Horton	$\sim$ (	Jan a l	Palaston	
	Notary Public, State of To	<b>)</b>	Notary Public in and for	the	
	My Comm. Exp., 7-8	}	State of Texas		
			My commission expires	7/8/02	
		CORPORATE	ACKNOWLEDGEMENT		
	STATE OF OKLAHOMA	)			
	COUNTY OF OKLAHOMA	SS			
	COUNTY OF ORLAHOWA	)			
	This instrument was acl	knowledged befo	ore me on the 10th day of	of July, 2000, by Dennis F. Ja	ggi,
	as Vice-President of Enogex Ex	oloration Corpor	ation, on behalf of said co	orporation.	
	WITNESS my hand and	official seal.			
			111/		
			Notary Public in and for	the State of Oklahoma	

My commission expires 8/21/01

#### CORPORATE ACKNOWLEDGEMENT

STATE OF Calif ) SS COUNTY OF Sonoma )
This instrument was acknowledged before me on the 18 day of July, 2000, by behalf of said corporation.
WITNESS my hand and official seal.
OFFICIAL SEAL - 1249289 Notary Public in and for the State of Oklahoma  NOTARY PUBLIC - CALIF. COUNTY OF SONOMA My Comm. Exp. Feb. 8, 2004  My Comm. Exp. Feb. 8, 2004
CORPORATE ACKNOWLEDGEMENT
STATE OF <u>Colorado</u> ) ss COUNTY OF <u>Arapahore</u> )
This instrument was acknowledged before me on the <u>1</u> day of <u>August</u> , 2000, by <u>JC Thompson</u> , as <u>Chairman</u> of National Fuel Corporation, on behalf of said corporation.
WITNESS my hand and official seal.
Brenda K Mayond  Notary Public in and for the State of <del>Oklahoma</del> Colorado  My commission expires 4-13-01



#### United States Department of the Interior

#### **BUREAU OF LAND MANAGEMENT**

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

### RECEIVED

AUG 2 1 2000

DIVISION OF OIL, GAS AND MINING

N REPLY REFER TO UT-931

August 17, 2000

Crescendo Energy, LLC c/o Pruitt, Gushee & Bachtell Attn: William E. Ward Suite 1850 Beneficial Life Tower Salt Lake City, Utah 84111-1495

Re:

San Arroyo Unit

Grand County, Utah

#### Gentlemen:

On August 14, 2000, we received an indenture dated June 30, 2000, whereby Enogex Exploration Corporation resigned as Unit Operator and Crescendo Energy, LLC was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 17, 2000.

Your statewide (Utah) oil and gas bond No. 1184 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks Chief, Branch of Fluid Minerals

#### **Enclosure**

bcc:

Field Manager - Moab (w/enclosure)

Division of Oil, Gas & Mining

Minerals Adjudication Group U-932
File - San Arroyo Unit (w/enclosure)
MMS - Data Management Division

Agr. Sec. Chron

Fluid Chron

UT931:TAThompson:tt:8/17/00

Page No. '08,17/00'

# Well Status Report Utah State Office Bureau of Land Management

Lease

Api Number Well Name

QTR Section Township Range Well Status Operator

-	Item: 891003859A			PD/E PAU	FUCCES EVEL OPATION CORPORATION
. UTU025297	4301915905 1 (26) FEDERAL-GRAND		20 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU05059C	4301915892 11 SAN ARROYO UNIT	NESW	15 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTSL071307	4301915893 12 SAN ARROYO UNIT	SWSW	23 1168	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301915894 13 SAN ARROYO UNIT	SWSW	22 T16S	R25E GSI	ENOGEX EXPLORATION CORPORATION
STATE	4301915895-14-SAN-ARROYO UNIT	SWNE-	16 T166	R25E P+A	ENOGEX EXPLORATION CORPORATION
UTU0136529	4301911091 15 (34-A) SAN ARROYO		21 T16S	R25E ABD	ENOGEX EXPLORATION CORPORATION
UTU0369	4301915896 16 SAN ARROYO UNIT	SESW	26 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU025243	4301915897 17 SAN ARROYO UNIT	NENE	24 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU06023	4301915898 18 SAN ARROYO UNIT	WWW	30 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
-UTU05011B	4301915899 19 SAN ARROYO	SWSE	14 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTSL071307	4301915900 20 SAN ARROYO	SENE	26 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU0369	4301915901 21 SAN ARROYO	NWSE	25 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU05011A	4301915902 22 SAN ARROYO	NENE	15 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU06188	4301915903 24 SAN ARROYO UNIT	SENW	19 T16\$	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU0136529	4301915904 25 SAN ARROYO	SWNE	21 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU06021	4301915906 27 SAN ARROYO	NESW	29 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU05650	4301915907 28 FEDERAL	NWNE	29 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301915908 29 SAN ARROYO UNIT	NENE	22 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
·UTU0369	4301915886 3 UNIT	SENW	23 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU05650	4301915909 30 SAN ARROYO UNIT	NWSW	21 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301930527 31 SAN ARROYO UNIT	NUNU	22 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU05011B	4301930528 32 SAN ARROYO UNIT	SWSW	14 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU0369	4301930608 33 SAN ARROYO UNIT	SWSW	25 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU06188	4301931251 36-A SAN ARROYO UNIT	SESE	19 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU05650	4301931252 37 SAN ARROYO UNIT	SWNE	20 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
STATE	4301931253 38 SAN ARROYO UNIT	SWNE	16 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU06023	4301915887 4 GOVT-SAN ARROYO	SESW	30 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
STATE	4301931289 41 SAN ARROYO UNIT	NENE	36 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU06023	4301931290 42 SAN ARROYO UNIT	NESE	30 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU06021	4301931291 43 SAN ARROYO UNIT	NESE	29 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU06023	4301931301 44 SAN ARROYO	SENE	30 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU05650	4301931299 45 SAN ARROYO	NWSE	20 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU06023	4301931318 47 FEDERAL	NWNE	31 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU025245	4301931316 49 FEDERAL	NENW	29 T16S	R26E PGW	ENOGEX EXPLORATION CORPORATION
UTU0369	4301911090 7 (35) SAN ARROYO	SESW	24 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
STATE	4301915890 8 SAN ARROYO UNIT	SWSW	16 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301915891 9 SAN ARROYO UNIT	NWNE	27 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
					•
** Inspection	tem: 891003859B			•	
UTSL071307	4301916532 1 GOVT SAN ARROYO	SENW	26 T16S	R25E GSI	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301915885 2 UNIT	SENW	22 T16S	R25E GSI	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301931250 40 SAN ARROYO UNIT	NWNE	27 T16S	R25E TA	ENOGEX EXPLORATION CORPORATION
UTU0369	4301915888 5 SAN ARROYO UNIT	NWSE	25 T16S	R25E GSI	ENOGEX EXPLORATION CORPORATION
UTU0136529	4301915889 6 SAN ARROYO UNIT	SWNE	21 T16S	R25E PGW	ENOGEX EXPLORATION CORPORATION
					· ·

#### Crescendo Energy, LLC

P.O. Box 1814 Midland, TX 79702 Phone: 915-697-7221 915-697-7289 Fax:

August 23, 2000

Attn: Mr. Jim Thompson Utah Division of Oil, Gas & Mining 1594 W North Temple Salt Lake City, Utah 84114-5801

Re: Change of Operator

Dear Mr. Thompson:

The attached list of properties was formerly owned and operated by Enogex Exploration Corporation. Crescendo Energy, LLC has purchased the properties and has taken over operations. If you have any questions, please feel free to contact me at the phone number listed above.

> Sincerely yours, Crescendo Energy, LLC

By: Crescendo Energy Partners, LLC, its Managing Member

James J. Osborne, Vice President

Confirmation by Previous Operator:

**Enogex Exploration Corporation** 

Name (Print):

Attachment

#### Division of Oil, Gas and Mining

#### **OPERATOR CHANGE WORKSHEET**

ROUTING

1. GLH

2. CDW

5-947

3. JLT

6-FILE

Enter date after each listed item is completed

#### X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective:	06-30-2000
FROM: (Old Operator):	TO: ( New Operator):
ENOGEX EXPLORATION CORPORATION	CRESCENDO ENERGY PARTNERS LLC
Address: P. O. BOX 24300	Address: P. O. BOX 1814
OKLAHOMA CITY, OK 73124-0300	MIDLAND, TX 79702
Phone: 1-(405)-525-7788	Phone: 1-(915)-697-7221
Account No. N7430	Account N1365

	CA No.		SAN ARROYO			-
WELL(S)			<del> </del>			
· ·	API	ENTITY	SEC. TWN	LEASE	WELL	WELL
NAME	NO.	NO.	RNG	TYPE	<b>TYPE</b>	<b>STATUS</b>
SAN ARROYO # 19	43-019-15899	500	14-16S-25E	FEDERAL	GW	P
SAN ARROYO # 32	43-019-30528	500	14-16S-25E	FEDERAL	GW	P
SAN ARROYO # 11	43-019-15892	500	15-16S-25E	FEDERAL	GW	P
SAN ARROYO # 22	43-019-15902	500	15-16S-25E	FEDERAL	GW	P
SAN ARROYO # 8	43-019-15890	500	16-16S-25E	FEDERAL	GW	P
SAN ARROYO # 25	43-019-15904	500	21-16S-25E	FEDERAL	GW	P
SAN ARROYO # 29	43-019-15908	500	22-16S-25E	FEDERAL	GW	P
SAN ARROYO # 31	43-019-30527	500	22-16S-25E	FEDERAL	GW	P
SAN ARROYO # 3	43-019-15886	500	23-16S-25E	FEDERAL	GW	P
SAN ARROYO # 12	43-019-15893	500	23-16S-25E	FEDERAL	GW	P
SAN ARROYO # 17	43-019-15897	500	24-16S-25E	FEDERAL	GW	P
SAN ARROYO # 21	43-019-15901	500	25-16S-25E	FEDERAL	GW	P
SAN ARROYO # 16	43-019-15896	500	26-16S-25E	FEDERAL	GW	P
SAN ARROYO # 20	43-019-15900	500	26-16S-25E	FEDERAL	GW	P
SAN ARROYO # 9	43-019-15891	500	27-16S-25E	FEDERAL	GW	P
SAN ARROYO # 24	43-019-15903	500	19-16S-26E	FEDERAL	GW	P
SAN ARROYO # 26	43-019-15905	500	20-16S-26E	FEDERAL	GW	P
SAN ARROYO # 30	43-019-15909	500	21-16S-26E	FEDERAL	GW	P
SAN ARROYO # 13	43-019-15894	500	22-16S-26E	FEDERAL	GW	P
SAN ARROYO # 27	43-019-15906	500	29-16S-26E	FEDERAL	GW	P
SAN ARROYO # 28	43-019-15907	500	29-16S-26E	FEDERAL	GW	P
SAN ARROYO # 4	43-019-15887	500	30-16S-26E	FEDERAL	GW	P
SAN ARROYO # 18	43-019-15898	500	30-16S-26E	FEDERAL	GW	P

#### **OPERATOR CHANGES DOCUMENTATION**

1. (R6	649-8-10) Sundry or legal	documentation wa	as received from the <b>FORMER</b>	operator on:	08/23/2000
--------	---------------------------	------------------	------------------------------------	--------------	------------

2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on:

08/23/2000

3.	The new company has been checked through the <b>Department of Commerce</b> , <b>Division of Corporations Database on:</b> 10/19/2000
4.	Is the new operator registered in the State of Utah:  YES  Business Number: 4549132-0143
5.	If <b>NO</b> , the operator was contacted on:
6.	<b>Federal and Indian Lease Wells:</b> The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on:
7.	**
8.	for wells listed on: 08/17/2000  Federal and Indian Communization Agreements ("CA"): The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9.	Underground Injection Control ("UIC") Pro! The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:  N/A
_	ATA ENTRY:
1.	
2.	Changes have been entered on the <b>Monthly Operator Change Spread Sheet on:</b> 10/19/2000
3.	Bond information entered in RBDMS on:
4.	Fee wells attached to bond in RBDMS on:
S'.	TATE BOND VERIFICATION:
1.	State well(s) covered by Bond No.:  N/A
F	EE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:
1.	(R649-3-1) The <b>NEW</b> operator of any fee well(s) listed has furnished a bond:  N/A
2.	The <b>FORMER</b> operator has requested a release of liability from their bond on:  N/A  The Division sent response by letter on:  N/A
3.	(R649-2-10) The <b>FORMER</b> operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:  N/A
	ILMING: All attachments to this form have been MICROFILMED on: 3,5,01
	ILING: ORIGINALS/COPIES of all attachments pertaining to each individual well have been filled in each well file on:
C	DMMENTS:

Form 3160-5 (April 2004)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 200

	BUREAU OF LAND MAN	ACEMENT				Expires: March 31, 2007
	5. Lease Seri					
SUNDRY Do not use to abandoned w		n, Allottee or Tribe Name				
SUBMIT IN TR	7. If Unit o	7. If Unit or CA/Agreement, Name and/or No.				
1. Type of Well Oil Well	Gas Well Other				8. Well Na	mo and No
2. Name of Operator Crescendo E	nergy Partners, LLC	·		<del></del>	San Ar	royo FED 21
3a Address		3b. Phone No		ea code)	9. API Wo 430191	ell No. <del>50010081 -</del> [S <sup>-</sup> 90]
P.O. Box 1814, Midland, TX 7  4. Location of Well (Footage, Sec.,		432-697-7	221		10. Field an	d Pool, or Exploratory Area
2066 FSL, 2340 FEL, NWSE,						or Parish, State
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE	NATURE	OF NOTICE,	REPORT, OR	OTHER DATA
TYPE OF SUBMISSION				OF ACTION	<del></del>	
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize  Alter Casing  Casing Repair  Change Plans  Convert to Injection	Deepen Fracture Tr New Const Plug and A	eat [ truction [ bandon [	<del></del>		Water Shut-Off Well Integrity Other TANK INSTALL
determined that the site is ready Existing pit will be closed Mtn Facility in Mesa Cou Existing pit will be excava remediation of affected soi facility as necessary.	nai Abandonment Notices shall be for final inspection.)  and a tank will be installed to nty, Colorado.  ted and the material landfarmuls. Following remediation, the	iled only after a  contain produ  ed on the pad.  soils will be s	ll requirement uced water. Pre and properties of the proper	Produced wa ost remediations the surface of	amation, have been ter will be hauled in samples will be of the pad or hau	d and disposed of at the Black
with the set out the existing I	pad location. All facilities will lany produced water spills.	be painted gre	en to mate	h the surround	ling vegitation.	A soil berm will be constructed
						RECEIVED
					•	AUG 0 6 2004
14 Thoroby contifue hotel a few		- <del></del>	·		DIV. O	FOIL, GAS & MINING
<ol> <li>I hereby certify that the fore Name (Printed/Typed)</li> <li>Sean T. Norris</li> </ol>	ogist	, as to as minated				
Signature Sear	Van		Date		08/03/2004	
	THIS SPACE FOR F	EDERAL	OR STA	TE OFFIC	E USE	
Approved by Conditions of approval, if any, are a certify that the applicant holds legal which would entitle the applicant to	or equitable title to those rights in conduct operations thereon.	the subject leas	Title or Oil office	ltab Di <b>vis</b> Gas <b>anc</b> \$111.10	by the sion of Day	ate Federal Approval Of This Action Is Necessary
Title 18 U.S.C. Section 1001 and Title States any false, fictitious or fraudule	43 U.S.C. Section 1212, make it a ent statements or representations as	crime for any p s to any matter	erson knowi within its jur	n iv and will un i diction	ly to make to any	department or agency of the United

(Instructions on page 2)

#### **STATE OF UTAH**

F	0	R	М	9

Earla		NOV 1 6 2005
APPROVED 11 139 105		RECEIVED
(This space for State use only)		חביייייייייייייייייייייייייייייייייייי
SIGNATURE 36	DATE 11/10/2005	
NAME (PLEASE PRINT) Gary D. Davis	TITLE President, Slate F	River Resources, LLC
Cartor C. Matines, i resident		
Carter G. Mathies, President		
N 1365		
Crossands Francis II C		5.5.10 P. (170) P. (1800) 1000, ELO
State of Utah Bond of Lessee B001760 \$ 15,000 being tra Federal Utah Statewide Bond UTB000187 \$ 25,000 being tra	ansferred from Crescendo to s	Slate River Resources, LLC
The Bond numbers for Slate River Resources, LLC are: State of Utah DOGM Bond B001556 \$120,000		
Crescendo Energy, LLC to Slate River Resources, LLC on the Operator of the San Arroyo Unit Area effective November 1, 20	wells listed on the attached s	chedule, including a change of
Crescendo Energy, LLC is a wholly owned subsidiary of Slate interest of Crescendo Energy, LLC has been assigned to Slate	River Resources, LLC. We	request a change of Operator from
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertine		
CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
Date of work completion:  CHANGE WELL STATUS  COMMINGLE PRODUCING FORMATIONS	PRODUCTION (START/RESUME) RECLAMATION OF WELL SITE	☐ WATER SHUT-OFF ☐ OTHER:
SUBSEQUENT REPORT CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
Change to previous plans	OPERATOR CHANGE	TUBING REPAIR
Approximate date work will start: CASING REPAIR	FRACTURE TREAT  NEW CONSTRUCTION	SIDETRACK TO REPAIR WELL  TEMPORARILY ABANDON
NOTICE OF INTENT (Submit in Duplicate)  ACIDIZE  ACIDIZE	DEEPEN EDAT	REPERFORATE CURRENT FORMATION
TYPE OF SUBMISSION	TYPE OF ACTION	
11. CHECK APPROPRIATE BOXES TO INDICATE N	NATURE OF NOTICE, REPO	RT, OR OTHER DATA
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH
FOOTAGES AT SURFACE: See attached schedule of wells		COUNTY: Grand
4. LOCATION OF WELL		
418 Main Street, Ste. 18 CITY Vernal STATE UT ZIP 840		See attached
Slate River Resources, LLC N2725  3. ADDRESS OF OPERATOR:	PHONE NUMBER:	See attach  10. FIELD AND POOL, OR WILDCAT:
2. NAME OF OPERATOR:		9. API NUMBER:
1. TYPE OF WELL OIL WELL ☐ GAS WELL ☑ OTHER		8. WELL NAME and NUMBER: See attached
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current b drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form fo	San Arroyo Unit and other wells	
SONDKI NOTICES AND REPORTS C	7. UNIT or CA AGREEMENT NAME:	
SUNDRY NOTICES AND REPORTS O	MINELLO	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
DIVISION OF OIL, GAS AND MININ	IG	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
DEPARTMENT OF NATURAL RESOURCE	•	

(5/2000)

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

#### SLATE RIVER RESOURCES, LLC, OPERATOR

API Well Number	Operator	Well Name 5	Well Type	Well Status	EARS/IT-V	Baseline Company					
	CRESCENDO ENERGY LLC	ARCO 27-1	Gas Well	Producing					eprest quanwo.		FNL/
43-019-31162-00-0	<u> </u>	ARCO STATE 36-7	Gas Well	Producing	SAN ARROYO	GRAND	NWSW	27	16S-25E	U-29645	1700
43-019-31192-00-0		ARCO STATE 36-8	Gas Well	Producing	EAST CANYON EAST CANYON	GRAND	SWSE	36	15.5S-24E	ML-22208	852
43-019-30240-00-0		ARCO-STATE 2-1	Gas Well	Producing	EAST CANYON	GRAND GRAND	SWSW NESE	36 2	15.55-24E	ML-22208	1285
43-019-30241-00-0	CRESCENDO ENERGY LLC	ARCO-STATE 2-2	Gas Well	Shut-In	EAST CANYON	GRAND	NWNW	.2	16S-24E	ML-22208	2420
43-019-30047-00-0	CRESCENDO ENERGY LLC	BITTER CREEK 1	Gas Well	Producing	SAN ARROYO	GRAND	SWSE	2	165-24E	ML-22208	1425
43-047-30765-00-0	CRESCENDO ENERGY LLC	BLACK HORSE CANYON FED 31-1	Gas Well	Producing	BLACK HORSE CYN	UINTAH	NWSW	31	16S-25E 15S-24E	ML-25151	1080
43-019-15884-00-0	CRESCENDO ENERGY LLC	FEDERAL 174 1	Gas Well	Producing	SAN ARROYO	GRAND	SESW	11	16S-25E	U-14234	203C
43-019-31432-00-0	CRESCENDO ENERGY LLC	FEDERAL 27-2	Gas Well	Approved permit (APD); not yet spudd		GRAND	SESE	27		U-126528 U-29645	1940
43-019-31318-00-0	CRESCENDO ENERGY LLC	FEDERAL 47	Gas Well	Producing	SAN ARROYO	GRAND	NWNE	31	16S-26E		111C
43-019-31410-00-0	CRESCENDO ENERGY LLC	FEDERAL 6-1	Gas Well	Approved permit (APD); not yet spudd		GRAND	SWNW	6		U-6023	990
43-019-11089-00-0	CRESCENDO ENERGY LLC	FEDERAL GILBERT 1	Gas Well	Producing	SAN ARROYO	GRAND	SWNE	11		U-9831	176C
43-019-16532-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 01	Gas Well	Shut-In	SAN ARROYO	GRAND	SENW	26	16S-25E	U-126528	1140
43-019-15885-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 02	Gas Well	Shut-In	SAN ARROYO	GRAND	SENW	22	16S-25E	USL-71307	1320
43-019-15886-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 03	Gas Well	Producing	SAN ARROYO	GRAND	SENW	23	16S-25E	U-370-A	1125
43-019-15887-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 04	Gas Well	Producing	SAN ARROYO	GRAND	SESW	30	16S-26E	U-369	50
43-019-15888-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 05	Gas Well	Shut-In	SAN ARROYO	GRAND	NWSE	25	16S-25E	U-6023 U-369	660
43-019-15889-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 06	Gas Well	Shut-In	SAN ARROYO	GRAND	SWNE	21	16S-25E	U-136529	820 1360
43-019-15890-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 08	Gas Well	Producing	SAN ARROYO	GRAND	swsw	16	16S-25E	ML-4113	206€
43-019-15891-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 09	Gas Well	Producing	SAN ARROYO	GRAND	NWNE	27	16S-25E	U-370-A	1210
43-019-15892-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 11	Gas Well	Producing	SAN ARROYO	GRAND	NESW	15	16S-25E	U-5059-C	245C
43-019-15893-00-0		SAN ARROYO 12	Gas Well	Producing	SAN ARROYO	GRAND	SWSW	23	16S-25E	USL-71307	1520
43-019-15894-00-0		SAN ARROYO 13	Gas Well	Producing	SAN ARROYO	GRAND	C-SW	22	16S-25E	U-370-A	660
43-019-15896-00-0		SAN ARROYO 16	Gas Well	Producing	SAN ARROYO	GRAND	SESW	26	16S-25E	U-369	1990
43-019-15897-00-0		SAN ARROYO 17	Gas Well	Producing	SAN ARROYO	GRAND	NENE	24	165-25E	U-25243	660
43-019-15898-00-0		SAN ARROYO 18	Gas Well	Producing	SAN ARROYO	GRAND	NWNW	30	16S-26E	U-6023	1300
43-019-15899-00-0		SAN ARROYO 19	Gas Well	Producing	SAN ARROYO	GRAND	SWSE	14	16S-25E	U-5011-B	2600
43-019-15900-00-0		SAN ARROYO 20	Gas Well	Producing	SAN ARROYO	GRAND	SENE	26	16S-25E	USL-71307	1712
	CRESCENDO ENERGY LLC	SAN ARROYO 21	Gas Well	Producing	SAN ARROYO	GRAND	NWSE	25	16S-25E	U-369	395
43-019-15902-00-0		SAN ARROYO 22	Gas Well	Producing	SAN ARROYO	GRAND	NENE	15	16S-25E	U-5011-A	2194
43-019-15903-00-0		SAN ARROYO 24	Gas Well	Producing	SAN ARROYO	GRAND	SENW	19	165-26E	U-6188	769
43-019-15904-00-0		SAN ARROYO 25	Gas Well	Producing	SAN ARROYO	GRAND	SWNE	21	16S-25E	U-136529	1111
43-019-15905-00-0 43-019-15906-00-0		SAN ARROYO 26	Gas Well	Producing	SAN ARROYO	GRAND	SWSW	20	16S-26E	U-25297	78
43-019-15907-00-0		SAN ARROYO 27	Gas Well	Producing	SAN ARROYO	GRAND	NESW	29	16S-26E	U-6021	78 787
43-019-15908-00-0	CRESCENDO ENERGY LLC CRESCENDO ENERGY LLC	SAN ARROYO 28	Gas Well	Producing	SAN ARROYO	GRAND	NWNE	29	16S-26E	U-5650	634
43-019-15909-00-0		SAN ARROYO 29	Gas Well	Producing	SAN ARROYO	GRAND	NENE	22	16S-25E	U-370-A	540
43-019-30527-00-0		SAN ARROYO 30 SAN ARROYO 31	Gas Well	Producing	SAN ARROYO	GRAND	NWSW	21	16S-26E	U-5650	945
43-019-30528-00-0		SAN ARROYO 31 SAN ARROYO 32	Gas Well	Shut-In	SAN ARROYO	GRAND	NWNW	22		U-370-A	739
43-019-30608-00-0		SAN ARROYO 32 SAN ARROYO 33	Gas Well	Producing	SAN ARROYO	GRAND	SWSW	14	16S-25E	U-5011-B	1305
	CRESCENDO ENERGY LLC	SAN ARROYO 33	Gas Well Gas Well	Producing	SAN ARROYO	GRAND	SWSW	25	16S-25E	U-369	1977
	<u> </u>	SAN ARROYO 36-A	Gas Well	Producing	SAN ARROYO	GRAND					1879
	CRESCENDO ENERGY LLC	SAN ARROYO 37	Gas Well	Producing	SAN ARROYO	GRAND	SESE	19		U-6188	304
43-019-31253-00-0		SAN ARROYO 38	Gas Well	Producing	SAN ARROYO	GRAND	SWNE	20		U-5650	2029
	CRESCENDO ENERGY LLC	SAN ARROYO 40	Gas Well	Producing Shut-In	SAN ARROYO	GRAND	SWNE	16		ML-4113	139:
	CRESCENDO ENERGY LLC	SAN ARROYO 41	Gas Well	Producing	SAN ARROYO	GRAND	NWNE	27		U-370-A	1482
43-019-31290-00-0		SAN ARROYO 42	Gas Well	Producing	SAN ARROYO	GRAND	NENE	36		Not CE Lease	1342
43-019-31291-00-0		SAN ARROYO 43	Gas Well	Producing	SAN ARROYO	GRAND	NESE	30	16S-26E	U-6023	1300
	CRESCENDO ENERGY LLC	SAN ARROYO 44	Gas Well	Producing	SAN ARROYO SAN ARROYO	GRAND	NESE	29	16S-26E	U-6021	600
	CRESCENDO ENERGY LLC	SAN ARROYO 45	Gas Weil	Producing	SAN ARROYO	GRAND GRAND	SENE NWSE	30 20		U-6023	-
		· · · · · · · · · · · · · · · · · · ·	222 7741		UNIT ARROTO	GRAND	MADE	20	16S-26E	U-5650	0

#### UTAH SCHEDULE OF WELLS SLATE RIVER RESOURCES, LLC, OPERATOR

43-019-31316-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 49	Gas Well	Producing	CAN ADDOVO	COAND				<u> </u>	T
					SAN ARROYO	GRAND	NENW	29	16S-26E	U-25245	0
43-019-31414-00-0	CRESCENDO ENERGY LLC	SAN ARROYO U #50	Gas Well	New Permit (Not yet approved or drille	SAN ARROYO	GRAND	NESE	16	16S-25E	ML-4113	0
43-019-31425-00-0	CRESCENDO ENERGY LLC	SAN ARROYO U #51	Gas Well	Approved permit (APD); not yet spudd	SAN ARROYO	GRAND	NESW	15	16S-25E	U-5059-C	0
43-019-31431-00-0	CRESCENDO ENERGY LLC	SAN ARROYO U #52	Gas Well	Approved permit (APD); not yet spudd	SAN ARROYO	GRAND	SENW	26		USL-71307	0
43-019-31426-00-0	CRESCENDO ENERGY LLC	SAN ARROYO U #53	Gas Well	Approved permit (APD); not yet spudd	SAN ARROYO	GRAND	NWSE	22		U-370-A	ō
43-019-31433-00-0	CRESCENDO ENERGY LLC	SAN ARROYO U #54	Gas Well	Approved permit (APD); not yet spudde	SAN ARROYO	GRAND	SESW	19		U-6188	10
43-019-31430-00-0	CRESCENDO ENERGY LLC	SAN ARROYO U #55	Gas Well	Approved permit (APD); not yet spudde	SAN ARROYO	GRAND	SENW	25		U-369	10
43-019-31428-00-0	CRESCENDO ENERGY LLC	SAN ARROYO U #56	Gas Well	Approved permit (APD); not yet spudd		GRAND	NESE	24		U-369	6
43-019-31429-00-0	CRESCENDO ENERGY LLC	SAN ARROYO U #58	Gas Well	Approved permit (APD); not yet spudde	SAN ARROYO	GRAND	SESE	25		U-369	10
43-019-31427-00-0	CRESCENDO ENERGY LLC	SAN ARROYO U #59	Gas Well	Approved permit (APD); not yet spudd	SAN ARROYO	GRAND	SESE	23		USL-71307	1820
43-019-31411-00-0	CRESCENDO ENERGY LLC	STATE 2-3	Gas Weli	Approved permit (APD); not yet spudde	EAST CANYON	GRAND	SENW	2		ML-22208	
									<u> </u>		
							<b></b>			<del>                                     </del>	<del>f -  </del>
			<del></del>	<u> </u>		L	L	<u> </u>	L	<u> </u>	4

Division of Oil, Gas and Mining

#### **OPERATOR CHANGE WORKSHEET**

ROUTING
1. DJJ
2. CDW

Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

X Merger

The operator of the well(s) listed below has ch	11/1/2005							
FROM: (Old Operator):	TO: (New Or	erator):						
N1365-Crescendo Energy, LLC	N2725-Slate River Resources, LLC							
1600 Broadway, Suite 900	418 Ma	in St, Suite 1	8					
Denver, CO 80202	Vernal,	UT 84078						
Phone: 1-(303) 592-4448	Phone: 1-(435)	781-1870						
CA No	).			Unit:		SAN AI	RROYO	
WELL(S)								
NAME	SEC	TWN	RNG	API NO	ENTITY	LEASE	WELL	WELL
	_l				NO	TYPE	TYPE	STATUS
SAN ARROYO 19	14	160S		4301915899		Federal	GW	P
SAN ARROYO 11	15	160S		4301915892		Federal	GW	S
SAN ARROYO 22	15	160S		4301915902		Federal	GW	P
SAN ARROYO 8	16	160S		4301915890	<del></del>	Federal	GW	P
SAN ARROYO 6	21	160S	250E	4301915889		Federal	GW	S
SAN ARROYO 25	21	160S		4301915904		Federal	GW	P
SAN ARROYO 2	22	160S	250E	4301915885	505	Federal	GW	S
SAN ARROYO 13	22	160S		4301915894	500	Federal	GW	P
SAN ARROYO 3	23	160S		4301915886	A	Federal	GW	P
SAN ARROYO 12	23	160S	250E	4301915893		Federal	GW	P
SAN ARROYO U 35	24	160S		4301911090		Federal	GW	P
SAN ARROYO 17		160S	250E	4301915897	500	Federal	GW	P
SAN ARROYO 5	25	160S	250E	4301915888	505	Federal	GW	S
SAN ARROYO 21	25	160S	250E	4301915901	500	Federal	GW	P
SAN ARROYO 16	26	160S		4301915896	500	Federal	GW	P
SAN ARROYO 20	26	160S		4301915900		Federal	GW	P
SAN ARROYO 9	27	160S	250E	4301915891	500	Federal	GW	P
SAN ARROYO 24	19	160S	260E	4301915903	500	Federal	GW	P
SAN ARROYO 4	30	160S	260E	4301915887	500	Federal	GW	P
SAN ARROYO 18	30	160S	260E	4301915898	500	Federal	GW	P
OPERATOR CHANGES DOCUMENTATE Enter date after each listed item is completed	ION			<u>L </u>		<u> </u>	<u></u>	
1. (R649-8-10) Sundry or legal documentation was red	eaised f	rom the	FORM	IFD operator on		11/16/2005	į	
				_	•		_	
2. (R649-8-10) Sundry or legal documentation was rec	ceived f	rom the	NEW	operator on:		11/16/2005	<u>-</u>	
3. The new company was checked on the <b>Department</b>	t of Cor	nmerce	. Divisi	ion of Corporat	ions Databas	se on:		11/23/2005
4. Is the new operator registered in the State of Utah:				Business Number		830411-016	<b>51</b>	
5. If NO, the operator was contacted contacted on:			110	, manifest i dalling	<b>.</b> .	050111-010	-	
11, and operator was overacted outside of								
6a. (R649-9-2)Waste Management Plan has been receive					requested 1	1/23/05		
6b. Inspections of LA PA state/fee well sites complete of	on:			n/a	_			
6c. Reports current for Production/Disposition & Sunda	ies on:				requested 1	1/23/05		
<del>-</del>					-		····	

7. Federal and Indian Lease Wells: The BLM and or the BIA or operator change for all wells listed on Federal or Indian leases on:	A has approved the	ne merger, name change,
8. Federal and Indian Units:		
The BLM or BIA has approved the successor of unit operator for w	n/a	
9. Federal and Indian Communization Agreements ("Ca The BLM or BIA has approved the operator for all wells listed with		n/a
10. Underground Injection Control ("UIC") The Division for the enhanced/secondary recovery unit/project for the water dispose		C Form 5, Transfer of Authority to Inject,
DATA ENTRY:		
1. Changes entered in the Oil and Gas Database on:	11/29/2005	<del>-</del>
2. Changes have been entered on the Monthly Operator Change Sprea	ad Sheet on:	11/29/2005
3. Bond information entered in RBDMS on:	<u>n/a</u>	<del>_</del>
4. Fee/State wells attached to bond in RBDMS on:	n/a	_
5. Injection Projects to new operator in RBDMS on:	n/a	_
6. Receipt of Acceptance of Drilling Procedures for APD/New on:		11/29/2005
FEDERAL WELL(S) BOND VERIFICATION:		
1. Federal well(s) covered by Bond Number:	UTB000187	<del>-</del>
INDIAN WELL(S) BOND VERIFICATION:		
1. Indian well(s) covered by Bond Number:	n/a	<b>_</b>
FEE & STATE WELL(S) BOND VERIFICATION:	<u> </u>	
1. (R649-3-1) The NEW operator of any fee well(s) listed covered by B	ond Number	B001556
2. The FORMER operator has requested a release of liability from their the Division sent response by letter on:	bond on: n/a	11/25/2005
LEASE INTEREST OWNER NOTIFICATION:		
3. (R649-2-10) The <b>FORMER</b> operator of the fee wells has been contact of their responsibility to notify all interest owners of this change on:	ted and informed by n/a	a letter from the Division
COMMENTS:		



#### **United States Department of the Interior**



BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov

165 25E 25

IN REPLY REFER TO: 3106 (UT-922)

December 5, 2005

Memorandum

To:

Moab Field Office

From:

Acting Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the merger recognized by the state of Delaware. We have updated our records to reflect the merger from Crescendo Energy LLC into Slate River Resources LLC. The merger was approved effective October 31, 2005.

for Day

David H. Murphy

Acting Chief, Branch of

Fluid Minerals

Enclosure

Articles of Organization (4 pp)

cc:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225

State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson

Joe Incardine

Connie Seare

Dave Mascarenas

Susan Bauman

RECEIVED
DEC 0 8 2005

**********	**************************************
LLE: Judy Nordstrom	MEMO WRITTEN: <u>December 5, 2005</u>
Name of Company:	
OLD	NEW NID
Crescendo Energy LLC	Slate River Resources LLC
418 E. Main Street	1600 Broadway
Suite 18	Suite 900
Vernal Utah 84078	Denver CO 80202
*********	******************
	(940) NAME CHANGE RECOGNIZED
(DATE)	
October 31, 2005	(817) CORPORATE MERGER RECOGNIZED
(DATE)	
*************	***************************************
UTSL-071307	
UTU-0369	
UTU-0370A	
UTU-05011A	
UTU-05011B	
UTU-05059A	
UTU-05059C	
UTU-05059F	
UTU-05650	
UTU-05650A	
UTU-06021	
UTU-06023	
UTU-06188	
UTU-06188B	
UTU-025243	
UTU-025245	
UTU-025243A	
UTU-025297	
UTU-0126528	
UTU-0136529	
UTU-0141420	
UTU-9831	
UTU-14234	
UTU-29645	
UTU-60818	
UTU-63022A	

# CERTIFICATE OF MERGER of CRESCENDO ENERGY, LLC into SLATE RIVER RESOURCES, LLC

This CERTIFICATE OF MERGER, dated and effective as of October 31, 2005, has been duly authorized and is filed pursuant to Section 18-209 of the Delaware Limited Liability Company Act (the "Act").

1. The name and jurisdiction of formation or organization of the constituent entities of the merger effectuated hereby are:

Name Jurisdiction of Organization
Slate River Resources, LLC Delaware
Crescendo Energy, LLC Delaware

- 2. An Agreement and Plan of Merger (the "Merger Agreement") has been duly authorized, approved and executed by each of the limited liability companies to merge pursuant hereto.
- 3. Slate River Resources, LLC shall be the surviving entity and shall maintain its present name.
- 4. There are no amendments to the certificate of formation of Slate River Resources, LLC resulting from or incidental to the merger.
- 5. The merger effected hereby shall be effective upon the filing of this Certificate of Merger in the office of the Secretary of State of the State of Delaware.
- 6. The Merger Agreement is on file in the principal business office of the surviving entity, Slate River Resources, LLC, which is located at 1600 Broadway, Suite 900, Denver, Colorado 80202.
- 7. The Merger Agreement will be furnished by Slate River Resources, LLC, or its authorized representative, free of cost, to any member of, or any person holding an interest in, any entity to be merged pursuant hereto.

IN WITNESS WHEREOF, Slate River Resources, LLC, the surviving entity, has caused this Certificate of Merger to be executed by an authorized officer as of the date first written above.

SLATE RIVER RESOURCES, LLC

By:

Carter G. Mathies Chief Executive Officer

#### SLATE RIVER HOLDINGS, LLC UNANIMOUS WRITTEN CONSENT OF THE BOARD OF DIRECTORS IN LIEU OF A SPECIAL MEETING

The undersigned, being all of the Members of the Board of Directors of Slate River Holdings, LLC, a Delaware limited liability company (the "Company"), hereby adopt, by unanimous written consent, in accordance with the Delaware Limited Liability Company Act, the following resolutions with the same force and effect as if they had been adopted at a duly convened meeting of the Board:

WHEREAS, the Company previously acquired all of the outstanding equity and ownership interests in Crescendo Resources, LLC ("Crescendo Resources"); and

WHEREAS, thereafter, the Company consolidated all of the wholly-owned subsidiaries of Crescendo Resources, namely, Crescendo Energy, LLC ("Crescendo Energy") and Entrada Energy Ventures, LLC ("Entrada") (collectively, Crescendo Resources, Crescendo Energy and Entrada are referred to herein as the ("Crescendo Entities") into Crescendo Energy; and

WHEREAS, the material assets and operations of all of the Crescendo Entities are held by Crescendo Energy; and

WHEREAS, Slate River Resources, LLC ("Slate River Resources"), a wholly-owned subsidiary of the Company, is intended to be the operating entity for all of the Company's business activities; and

WHEREAS, the Company has determined that it is in the Company's best interest to operate all of its business activities as a single entity and therefore to merge Crescendo Energy into Slate River Resources, with Slate River Resources being the surviving entity.

#### NOW, THEREFORE, BE IT:

**RESOLVED**, that the Company hereby is authorized to direct its legal counsel to effectuate the merger of the Crescendo Energy into Slate River Resources, with Slate River Resources as the surviving entity, to be effective on October 31, 2005; and be it further

RESOLVED, that the Company, and any Authorized Officer (as defined below) on behalf of the Company, hereby is authorized to undertake and perform all other acts, transactions or agreements that are necessary, appropriate, desirable or contemplated by the foregoing Resolutions; and be it further

RESOLVED, that all of the acts, transactions, or agreements taken in connection with the foregoing Resolutions hereby are ratified and approved in all respects, and the chief executive officer, chief operating officer, chief financial officer, president, vice president and secretary of the Company, as applicable, (collectively, the "Authorized Officers" and each individually, an "Authorized Officer") hereby are severally authorized and directed, in the name and on behalf of the Company to negotiate, execute and deliver such instruments, documents, agreements and writings of every kind and character, together with such changes, modifications, additions and deletions as to any or all of the terms and provisions thereof as the Authorized Officer executing such instruments, documents, agreements and

writings shall deem proper (such execution by such Authorized Officer to be conclusive evidence that such Authorized Officer deems all of the terms and provisions thereof to be proper), and to make such attestations to any signatures of officers of the Company, and to do and perform or cause to be done and performed all such other acts as each Authorized Officer shall from time to time deem necessary, advisable or appropriate in order to consummate the acts, transactions, or agreements contemplated by or described in the foregoing Resolutions; and be it further

RESOLVED, that the Authorized Officers hereby are severally authorized to execute on behalf of the Company from time to time, amendments or supplements to any of the documents related to or contemplated by the foregoing Resolutions as the Authorized Officer or Authorized Officers executing and delivering the same may in his, her, or their sole and absolute discretion deem appropriate to carry out the purpose and intent of the foregoing Resolutions (such execution by such Authorized Officer or Authorized Officers to be conclusive evidence that such Authorized Officer or Authorized Officers deems all of the terms and provisions thereof to be proper); and be it further

**RESOLVED**, that all acts, transactions, or agreements undertaken prior to the adoption of these Resolutions by any of the officers or representatives of the Company in connection with the foregoing matters hereby are ratified, confirmed and adopted by the Board; and be it further

**RESOLVED**, that any Authorized Officer hereby is authorized and directed to certify these Resolutions; and be it further

RESOLVED, that the Authorized Officers (together with such other officers and employees of the Company under their supervision as any of them shall direct) hereby are severally authorized and directed in the name and on behalf of the Company to do or cause to be done any and all further acts and things that they may from time to time deem necessary, advisable or appropriate to carry out the purpose and intent of the foregoing Resolutions.

[Remainder of Page Intentionally Left Blank]



PAGE

#### The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF FORMATION OF "SLATE RIVER RESOURCES, LLC", FILED IN THIS OFFICE ON THE TWENTY-EIGHTH DAY OF JANUARY, A.D. 2005, AT 9:34 O'CLOCK P.M.



Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3651875

DATE: 01-31-05

3919255 8100

050074460

#### Division of Oil, Gas and Mining

#### **OPERATOR CHANGE WORKSHEET**

ROUTING
1. DJJ
3 CDW

X - Change of Operator (Well Sold)	Operator Name Change/Merger									
The operator of the well(s) listed below has change	5/15/2008									
FROM: (Old Operator):	TO: ( New Operator):									
N2725-Slate River Resources, LLC				N3505-Augustus Energy Partners, LLC						
1600 Broadway, Suite 900				2016 G	rand Ave,	Suite A				
Denver, CO 80202				Billing	s MT 5901	2				
· ·										
Phone: 1 (303) 592-4448				Phone: 1 (406)	294-5990	· · ·		_		
CA No.				Unit:						
WELL NAME	SEC	TWN	RNG	API NO		LEASE TYPE		WELL		
		r			NO		TYPE	STATUS		
SEE ATTACHED LIST				<u> </u>	<u> </u>	<u> </u>				
	A (2023)	<b>0</b> N 1								
OPERATOR CHANGES DOCUMENT.	ATI	ON								
Enter date after each listed item is completed				TODI (TD		5/22/2000				
1. (R649-8-10) Sundry or legal documentation wa				_		5/23/2008				
2. (R649-8-10) Sundry or legal documentation wa	s rec	eived f	rom the	NEW operator	on:	5/23/2008				
3. The new company was checked on the <b>Departs</b>	nent	of Cor	nmerce	, Division of Co	orporation	s Database on:		6/4/2008		
4a. Is the new operator registered in the State of U	Jtah:			Business Numb	per:	7012268-0161				
4b. If NO, the operator was contacted contacted of	n:			•			•			
5a. (R649-9-2)Waste Management Plan has been re	ceive	ed on:		IN PLACE						
5b. Inspections of LA PA state/fee well sites complete.	lete o	n:		In Process	-					
5c. Reports current for Production/Disposition & S				OK	=					
6. Federal and Indian Lease Wells: The BL			_ DIA 1		- mercer no	me change				
or operator change for all wells listed on Federa					BLM		BIA			
	a1 O1 .	iiiuiaii	icases u	911.	DLM	not yet	DIA	_		
	. af		matam fa	u vrsalla liatad ons		not vot				
The BLM or BIA has approved the successor 8. Federal and Indian Communization Ag		-			•	not yet	•			
_						n/a				
The BLM or BIA has approved the operator:		i wens			oved LIIC F	orm 5, Transfer	of Auth	ority to		
9. Underground Injection Control ("UIC"	-						,	ority to		
Inject, for the enhanced/secondary recovery un	uvpro	уест то	r tne wa	ater disposal we	n(s) nstea c	n:	n/a	-		
DATA ENTRY:				5/20/2008						
1. Changes entered in the Oil and Gas Database		on Cha	C.	5/29/2008	-	5/29/2008				
<ul><li>2. Changes have been entered on the Monthly Op</li><li>3. Bond information entered in RBDMS on:</li></ul>	регац	or Cua	ınge əp	5/29/2008		3/29/2008	-			
<ol> <li>Bond information entered in RBDMS on:</li> <li>Fee/State wells attached to bond in RBDMS or</li> </ol>				5/29/2008	-					
5. Injection Projects to new operator in RBDMS of				n/a	-					
6. Receipt of Acceptance of Drilling Procedures f		PD/Nev	w on:	THE CONTRACTOR OF THE CONTRACT	-					
BOND VERIFICATION:										
Federal well(s) covered by Bond Number:				UTB00317						
2. Indian well(s) covered by Bond Number:				n/a	_					
3a. (R649-3-1) The <b>NEW</b> operator of any fee well	l(s) 1	isted co	overed b		- r	RLB0011628				
3b. The <b>FORMER</b> operator has requested a releas					not yet		-			
The Division sent response by letter on:	O 01 1	y	TOW U	acii cona cii.		-				
LEASE INTEREST OWNER NOTIFIC	'ΔΤ	ION·								
4. (R649-2-10) The <b>NEW</b> operator of the fee wells			ontacted	l and informed b	ov a letter fr	om the Division				
of their responsibility to notify all interest owner					n/a					
COMMENTS:										

#### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING See Attached list 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 8. WELL NAME and NUMBER: 1. TYPE OF WELL GAS WELL 🔽 OIL WELL OTHER 9. API NUMBER: 2. NAME OF OPERATOR: N3505 Augustus Energy Partners, LLC PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR: ZIP 59012 STATE MT (406) 294-5990 2016 Grand Avenue. Ste A Billings 4. LOCATION OF WELL COUNTY: FOOTAGES AT SURFACE: STATE: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: IITAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION TYPE OF SUBMISSION DEEPEN REPERFORATE CURRENT FORMATION ACIDIZE NOTICE OF INTENT SIDETRACK TO REPAIR WELL (Submit in Duplicate) ALTER CASING FRACTURE TREAT TEMPORARILY ABANDON NEW CONSTRUCTION Approximate date work will start: CASING REPAIR OPERATOR CHANGE TURING REPAIR CHANGE TO PREVIOUS PLANS VENT OR FLARE PLUG AND ABANDON CHANGE TUBING WATER DISPOSAL PLUG BACK SUBSEQUENT REPORT CHANGE WELL NAME (Submit Original Form Only) WATER SHUT-OFF PRODUCTION (START/RESUME) CHANGE WELL STATUS Date of work completion: OTHER: Change of Operator COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Effective 12:01 a.m. May 15, 2008 the Operator of this well will change from: Slate River Resources, LLC N2725 1600 Broadway, Suite 900 Denver, CO 80202 303-592-4448 TO: Augustus Energy Partners, LLC 2016 Grand Avenue, Suite A Billings, MT 59102 STATE BOND = RLB 00/1638 BLM Bond # UTB00317 effective 5/13/08 Seller: Slate River Resources LLC Gary D. Davis, President/CEO Signature President Steven D. Durrett NAME (PLEASE PRINT) 5/15/2008 DATE SIGNATURE

(This space for State use only)

APPROVED <u>5139108</u> Carlene Russell Division of Oil, Gas and Mining

(See Instructions on Reverse Side)

RECEIVED MAY 2 3 2008

API Well Number	Well Name	Qtr/Qtr	Section	Township-Range
43.019-11089	FEDERAL GILBERT 1	SWNE	11	16S-25E
43-019-11090	SAN ARROYO U 35	SESW	24	16S-25E
43-019-15884	FEDERAL 174 1	SESW	11	16S-25E
43-019-15885	SAN ARROYO 2	SENW	22	16S-25E
43-019-15886	SAN ARROYO 3	SENW	23	16S-25E
43-019-15887	SAN ARROYO 4	SESW	30	16S-26E
43-019-15888	SAN ARROYO 5	NWSE	25	16S-25E
43-019-15889	SAN ARROYO 6	SWNE	21	16S-25E
43-019-15890	SAN ARROYO 8	SWSW	16	16S-25E
43-019-15891	SAN ARROYO 9	NWNE	27	16S-25E
43-019-15892	SAN ARROYO 11	NESW	15	16S-25E
43-019-15893	SAN ARROYO 12	SWSW	23	16S-25E
43-019-15894	SAN ARROYO 13	C-SW	22	16S-25E
43-019-15896	SAN ARROYO 16	SESW	26	16S-25E
43-019-15897	SAN ARROYO 17	NENE	24	16S-25E
43-019-15898	SAN ARROYO 18	NWNW	30	16S-26E
43-019-15899	SAN ARROYO 19	SWSE	14	16S-25E
43-019-15900	SAN ARROYO 20	SENE	26	16S-25E
43-019-15901	SAN ARROYO 21	NWSE	25	16S-25E
43-019-15902	SAN ARROYO 22	NENE	15	16S-25E
43-019-15902	SAN ARROYO 24	SENW	19	16S-26E
43-019-15903	ISAN ARROYO 25	SWNE	21	16S-25E
43-019-15904	SAN ARROYO 26	SWSW	20	16S-26E
	SAN ARROYO 27	NESW	29	16S-26E
<u>43-019-15906</u> 43-019-15907	SAN ARROYO 28	NWNE	29	16S-26E
43-019-15907	SAN ARROYO 29	NENE	22	16S-25E
43-019-15909	SAN ARROYO 30	NWSW	21	16S-26E
	SAN ARROYO 1	SENW	26	16S-25E
43-019-16532	BITTER CREEK 1	SWSE	2	16S-25E
43-019-30047	ARCO-STATE 2-1	NESE	2	16S-24E
43-019-30240	ARCO-STATE 2-1	NWNW	2	16S-24E
43-019-30241	SAN ARROYO 31	NWNW	22	16S-25E
43-019-30527	SAN ARROYO 32	SWSW	14	16S-25E
43-019-30528		NWSW	27	16S-25E
43-019-30570	ARCO 27-1 SAN ARROYO 33	swsw	25	16S-25E
43-019-30608	ARCO STATE 36-7	SWSE	36	15.5S-24E
43-019-31162	ARCO STATE 36-7	SWSW	36	15.5S-24E
43-019-31192	SAN ARROYO U 40	NWNE	27	16S-25E
43-019-31250	ISAN ARROYO U 36-A	SESE	19	16S-26E
43-019-31251	SAN ARROYO U 37	SWNE	20	16S-26E
43-019-31252		SWNE	16	16S-25E
43-019-31253	SAN ARROYO U 38	NENE	36	16S-25E
43-019-31289	SAN ARROYO U 41 SAN ARROYO U 42	NESE	30	16S-26E
43-019-31290	SAN ARROYO U 42 SAN ARROYO U 43	NESE	29	16S-26E
43-019-31291	SAN ARROYO 45	NWSE	20	16S-26E
43-019-31299	SAN ARROYO 45 SAN ARROYO 44	SENE	30	16S-26E
43-019-31301	SAN ARROYO 49	NENW	29	16S-26E
43-019-31316		NWNE	31	16S-26E
43-019-31318	FEDERAL 47 BLACK HORSE CANYON FED 31-1	NWSW	31	15S-24E
<u>43-047-30765</u>	IDENCY LOUGE CHILD ALL ED 21-1	1.,,,,,,,,	<u> </u>	

RECEIVED

MAY 2 3 2008

DIV. OF OIL, GAS & MINING

# Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET (for state use only)

**COMMENTS:** 

<b>ROUTING</b>
CDW

X - Change of Operator (Well S			Operator N	Iame Chan	ige/Merger										
The operator of the well(s) listed below	v has chan	ged,	effecti	ive:	11/11/2013										
FROM: (Old Operator): N3505-Augustus Energy Partners, LLC 2016 Garnd Ave, Suite A Billings, MT 59102					TO: ( New C N4035-South PO Box 1056 Bayfield, CO	western Ener	rgy Ventures Cor	npany, LL	C						
Phone: 1 (406) 294-5990					Phone: 1 (970)	) 884-4869									
	CA No.				Unit:	San Arro	yo .	<del></del>							
WELL NAME		SEC RNG	TWI	N	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS						
See Attached List															
OPERATOR CHANGES DOCULE Enter date after each listed item is comply 1. (R649-8-10) Sundry or legal documents 2. (R649-8-10) Sundry or legal documents 3. The new company was checked on the	<b>pleted</b> ntation was	s rece	eived eived	from th	e <b>NEW</b> operato	or on:	11/22/2013 11/22/2013	-	11/07/000						
<ul><li>3. The new company was checked on the</li><li>4a. Is the new operator registered in the</li></ul>	01 C0	mmerc	Business Num		s Database on: 8812939-0161		11/27/2013								
5a. (R649-9-2) Waste Management Plan ha			d on:		N/A	oci.	8812939-0101	<del>-</del>							
<ul><li>5b. Inspections of LA PA state/fee well si</li><li>5c. Reports current for Production/Dispos</li><li>6. Federal and Indian Lease Wells</li></ul>	sition & Su	undri	es on:		N/A 11/27/2013 has approved th	– – – e merger, na	ıme change,								
or operator change for all wells listed	on Federa	l or I	ndian	leases	on:	BLM	Not Yet	BIA	N/A						
7. Federal and Indian Units:						-	_		_						
The BLM or BIA has approved the	successor	of un	it ope	erator fo	or wells listed or	n:	Not Yet	_							
8. Federal and Indian Communiza	_			•	•		N/A								
The BLM or BIA has approved the							Not Yet	_							
9. Underground Injection Control								ty to							
<b>Inject</b> , for the enhanced/secondary red <b>DATA ENTRY</b> :	covery uni	t/pro	ject fo	or the w	ater disposal we	ell(s) listed o	on:	N/A	-						
1. Changes entered in the Oil and Gas D					12/1/2013	_	,								
2. Changes have been entered on the Mo		erato	r Ch	ange S <sub>l</sub>		:	12/1/2013	_							
<ol> <li>Bond information entered in RBDMS</li> <li>Fee/State wells attached to bond in RE</li> </ol>					12/1/2013	-									
<ul><li>Fee/State wens attached to bond in Ref.</li><li>Injection Projects to new operator in F.</li></ul>					12/1/2013 N/A	-									
6. Receipt of Acceptance of Drilling Pro-			D/Ne	w on:	11//A	-	N/A								
7. Surface Agreement Sundry from NEW					ells received on:	:	N/A	•							
BOND VERIFICATION:								•							
1. Federal well(s) covered by Bond Num	ber:				RLB0015347	_									
2. Indian well(s) covered by Bond Numb					N/A	-									
3a. (R649-3-1) The <b>NEW</b> operator of an						lumber	RLB0015348	_							
3b. The <b>FORMER</b> operator has requested	d a release	of li	ability	from t	heir bond on:	11/22/2013									
LEASE INTEREST OWNER NO	TIFICA	TIC	N:					•							
4. (R649-2-10) The <b>NEW</b> operator of the	fee wells l	has b	een co	ontacted	l and informed l	by a letter fr	om the Division								
of their responsibility to notify all inter	est owners	of tl	nis ch	ange on	<b>:</b>	N/A									

# Augustus Energy Partners, LLC (N3505) to Southwestern Energy Ventures Company, LLC (N4035) Effective 11/11/2013 San Arroyo Unit

Well Name			RNG API Number	Entity			Well Status
SAN ARROYO U 35	24	160S	250E 4301911090		Federal	GW	P
SAN ARROYO 2	22	160S	250E 4301915885		Federal	GW	S
SAN ARROYO 3	23	160S	250E 4301915886		Federal	GW	P
SAN ARROYO 4	30	160S	260E 4301915887	500	Federal	GW	P
SAN ARROYO 5	25	160S	250E 4301915888	505	Federal	GW	S
SAN ARROYO 6	21	160S	250E 4301915889	505	Federal	GW	S
SAN ARROYO 8	16	160S	250E 4301915890	500	Federal	GW	P
SAN ARROYO 9	27	160S	250E 4301915891	500	Federal	GW	P
SAN ARROYO 11	15	160S	250E 4301915892	500	Federal	GW	S
SAN ARROYO 12	23	160S	250E 4301915893	500	Federal	GW	P
SAN ARROYO 13	22	160S	250E 4301915894	500	Federal	GW	P
SAN ARROYO 16	26	160S	250E 4301915896	500	Federal	GW	P
SAN ARROYO 17	24	160S	250E 4301915897	500	Federal	GW	P
SAN ARROYO 18	30	160S	260E 4301915898	500	Federal	GW	P
SAN ARROYO 19	14	160S	250E 4301915899		Federal	GW	P
SAN ARROYO 20	26	160S		500	Federal	GW	P
SAN ARROYO 21	25	160S	250E 4301915901	500	Federal	GW	P
SAN ARROYO 22	15	160S	250E 4301915902		Federal	GW	P
SAN ARROYO 24	19	160S	260E 4301915903		Federal	GW	P
SAN ARROYO 25	21	160S	250E 4301915904		Federal	GW	P
SAN ARROYO 26	20	160S	260E 4301915905		Federal	GW	P
SAN ARROYO 27	29	160S	260E 4301915906		Federal	GW	P
SAN ARROYO 28	29	160S	260E 4301915907		Federal	GW	P
SAN ARROYO 29	22	160S		500	Federal	GW	P
SAN ARROYO 30	21	160S	260E 4301915909		Federal	GW	P
SAN ARROYO 1	26		250E 4301916532		Federal	GW	S
SAN ARROYO 31	22			500	Federal	GW	S
SAN ARROYO 32	14			500	Federal	GW	S
SAN ARROYO 33	25			500	Federal	GW	P
SAN ARROYO U 36-A	19		260E 4301931251	500	Federal	GW	P
SAN ARROYO U 37	20			500	Federal	GW	P
SAN ARROYO U 38	16			500	State	GW	P
SAN ARROYO U 41	36		250E 4301931289		State	GW	P
SAN ARROYO U 42	30				Federal	GW	P
SAN ARROYO U 43	29		260E 4301931291		Federal	GW	S
SAN ARROYO 45	20				Federal	GW	P
SAN ARROYO 44	30				Federal	GW	S
SAN ARROYO 49	29				Federal		P
FEDERAL 47	31						P
SAN ARROYO 1625-220	22			505			S
2111111110 I O 1023 220		1000	2300 7301731300	505	i cuci ai	O W	O .

#### BEATTY & WOZNIAK, P.C.

#### ATTORNEYS AT LAW

216 SIXTEENTH STREET, SUITE 1100 DENVER, COLORADO 80202-5115 TELEPHONE (303) 407-4499 FACSIMILE (303) 407-4494 www.bwenergylaw.com CASPER

CHEYENNE

DENVER

SALT LAKE CITY

Santa Fe

#### JENNIFER STOLDT

PHONE: (303) 407-4499

E-MAIL: JSTOLDT@BWENERGYLAW.COM

November 21, 2013

## VIA FEDERAL EXPRESS

Utah Division of Oil, Gas and Mining Attn: Rachel Medina 1594 West North Temple, Suite 1210 Salt Lake City, UT 84116 RECEIVED

DIV. OF OIL, GAS & MINING

Re:

Sundry Notices and Reports on Wells – Change of Operator (Form 9)

Our File No.: 9517.0001

Dear Ms. Madina:

Enclosed for notice and filing please find an original and three (3) copies of the Sundry Notices and Reports on Wells, list of wells, and copies of BLM Bond No. RLB0015347 and Utah State Bond No. RLB0015348.

If you have any questions regarding the enclosed documents, please call me directly at 303-407-4459. Thank you for your assistance in this matter.

Very truly yours,

BEATTY & WOZNIAK, P.C.

Jennifer Stoldt

Enclosures 00292177.DOCX

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

				l l	
SUNDRY	NOTICES AND REPORTS	S ON WEL	LS	6. IF IN	DIAN, ALLOTTEE OR TRIBE NAME:
		form for such propose	lls.		
OIL WELL	GAS WELL . OTHER_				
2. NAME OF OPERATOR: Augustus Energy Partners	s, LLC N 2505				
3. ADDRESS OF OPERATOR:		59102	PHONE NUMBER: (406) 294-5990		
4. LOCATION OF WELL	Y STATE VIT ZIP		(100) 20 / 0000	1	
FOOTAGES AT SURFACE:				COUNT	y: See Attached List
QTR/QTR, SECTION, TOWNSHIP, RAN	IGE, MERIDIAN:			STATE:	UTAH
11. CHECK APPI	ROPRIATE BOXES TO INDICAT	TE NATURE	OF NOTICE, REPO	ORT, O	R OTHER DATA
TYPE OF SUBMISSION		Т	YPE OF ACTION		
NOTICE OF INTENT	ACIDIZE	DEEPEN			REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING				
Approximate date work will start:		<u> </u>		닐	
		<u></u>			
CURSCOUTAT DEDORT					
(Submit Original Form Only)					
Date of work completion:		<u> </u>			
		 		1	Effective 11/11/13
12. DESCRIBE PROPOSED OR CO	<u> </u>	pertinent details in	cluding dates, depths, volu	mes, etc.	
Southwestern Energy Ver Attn: Ezra Lee P. O. Box 1056 Bayfield, CO 81122 970-884-4869 ezra@crossfire-llc.com	ntures Company, LLC will become	e operator of	the wells per the a	ttached	list effective 11/11/2013.
Bond Coverage for operative form of a \$ 120, 0	tions conducted on these wells is <u>の</u> の_statewide Bond.	being provid	led by Southwester	n Energ	y Ventures Company, LLC in
Utah State bond number_	<u> </u>	er (Letter of c	redit)		
BLM Bond Number <u>LLD</u>	0015347				
NAME (PLEASE PRINT)	Erralec	TITLE _	manager		·····
SIGNATURE		DAT	E <u>//-/9-/3</u>		
AUGUSTE Energy Partners, LLC  25 Commission Properties  2016 Gand Ave. Ste A  2016 Gand					
1				113	
	()				N350
(This space for Street PROV			OU40		

DEC 0 1 2013

OUT OIL GAS & MINING

BY: Pach & Molting

Ci PAA Federal Well (See Instructions on Reverse Side)

Current Operator	API Well Number	Well Name	Lease# L	Jnit# C	A# E	ntity# (	Qtr/Qtr		Twnshp-Rng
1 AUGUSTUS ENERGY PARTNERS LLC		SAN ARROYO U 35	891003589A L	JTU63022X		500	SESW	24	16S-25E
2 AUGUSTUS ENERGY PARTNERS LLC	43-019-15885-00-00		891003598B L	JTU63022X		505	SENW	22	16S-25E
3 AUGUSTUS ENERGY PARTNERS LLC	43-019-15886-00-00	SAN ARROYO 3	891003589A U	JTU63022X		500	SENW	23	16S-25E
4 AUGUSTUS ENERGY PARTNERS LLC	43-019-15887-00-00	SAN ARROYO 4	891003589A U	JTU63022X		500	SESW	30	16S-26E
5 AUGUSTUS ENERGY PARTNERS LLC	43-019-15888-00-00	SAN ARROYO 5	891003598B U	JTU63022X		505	NWSE	25	16S-25E
6 AUGUSTUS ENERGY PARTNERS LLC	43-019-15889-00-00	SAN ARROYO 6	891003598B	JTU63022X		505	SWNE	21	16S-25E
7 AUGUSTUS ENERGY PARTNERS LLC	43-019-15890-00-00	SAN ARROYO 8	891003589A U	JTU63022X		500	SWSW		16S-25E
8 AUGUSTUS ENERGY PARTNERS LLC	43-019-15891-00-00	SAN ARROYO 9	891003589A l	JTU63022X		500	NWNE		16S-25E
9 AUGUSTUS ENERGY PARTNERS LLC	43-019-15892-00-00	SAN ARROYO 11	891003589A U	JTU63022X		500	NESW		16S-25E
10 AUGUSTUS ENERGY PARTNERS LLC	43-019-15893-00-00	SAN ARROYO 12	891003589A	UTU63022X			SWSW		16S-25E
11 AUGUSTUS ENERGY PARTNERS LLC	43-019-15894-00-00	SAN ARROYO 13	891003589A l	UTU63022X			C-SW		16S-25E
12 AUGUSTUS ENERGY PARTNERS LLC	43-019-15896-00-00	15AN / NINO 10 20	891003589A				SESW		16S-25E
13 AUGUSTUS ENERGY PARTNERS LLC	43-019-15897-00-00		891003589A				NENE		16S-25E
14 AUGUSTUS ENERGY PARTNERS LLC	43-019-15898-00-00	51 (17) (1110 10 = 1	891003589A				NWNW		16S-26E
15 AUGUSTUS ENERGY PARTNERS LLC	43-019-15899-00-00	15/111/13/11015	891003589A				SWSE		16S-25E
16 AUGUSTUS ENERGY PARTNERS LLC	43-019-15900-00-00	0, 11.7.17.17.17.1	891003589A				SENE		16S-25E
17 AUGUSTUS ENERGY PARTNERS LLC	43-019-15901-00-00	5, (11, 11, 11, 12, 12, 12, 12, 12, 12, 12,	891003589A				NWSE		16S-25E
18 AUGUSTUS ENERGY PARTNERS LLC	43-019-15902-00-00	57 (147 (1416) - 0 ==	891003589A				NENE		16S-25E 16S-26E
19 AUGUSTUS ENERGY PARTNERS LLC	43-019-15903-00-00	57 (147 (11.10 ) 0 = 1	891003589A				SENW		16S-25E
20 AUGUSTUS ENERGY PARTNERS LLC	43-019-15904-00-00	SAN ARROYO 25	891003589A				SWNE		
21 AUGUSTUS ENERGY PARTNERS LLC	43-019-15905-00-00	SAN ARROYO 26	891003589A				SWSW		16S-26E
22 AUGUSTUS ENERGY PARTNERS LLC	43-019-15906-00-00	SAN ARROYO 27	891003589A				NESW		16S-26E
23 AUGUSTUS ENERGY PARTNERS LLC	43-019-15907-00-00	SAN ARROYO 28	891003589A				NWNE		16S-26E
24 AUGUSTUS ENERGY PARTNERS LLC	43-019-15908-00-00	SAN ARROYO 29	891003589A				NENE		16S-25E
25 AUGUSTUS ENERGY PARTNERS LLC	43-019-15909-00-00	SAN ARROYO 30	891003589A				NWSW		16S-26E
26 AUGUSTUS ENERGY PARTNERS LLC	43-019-16532-00-00	SAN ARROYO 1	891003598B				SENW		16S-25E 16S-25E
27 AUGUSTUS ENERGY PARTNERS LLC	43-019-30527-00-00	SAN ARROYO 31	891003589A				NWNW		16S-25E
28 AUGUSTUS ENERGY PARTNERS LLC	43-019-30528-00-00	SAN ARROYO 32	891003589A				SWSW		16S-25E
29 AUGUSTUS ENERGY PARTNERS LLC	43-019-30608-00-00	SAN ARROYO 33	891003589A				SWSW		<del> </del>
30 AUGUSTUS ENERGY PARTNERS LLC	43-019-31251-00-00	SAN ARROYO U 36-A	891003589A				SESE		16S-26E 16S-26E
31 AUGUSTUS ENERGY PARTNERS LLC	43-019-31252-00-00	SAN ARROYO U 37	891003589A				SWNE		16S-25E
32 AUGUSTUS ENERGY PARTNERS LLC	43-019-31253-00-00	SAN ARROYO U 38	891003589A				SWNE		16S-25E
33 AUGUSTUS ENERGY PARTNERS LLC	43-019-31289-00-00	SAN ARROYO U 41	891003589A				NENE		16S-26E
34 AUGUSTUS ENERGY PARTNERS LLC	43-019-31290-00-00	SAN ARROYO U 42	891003589A				NESE		16S-26E
35 AUGUSTUS ENERGY PARTNERS LLC	43-019-31291-00-00	SAN ARROYO U 43	891003589A				NESE		16S-26E
36 AUGUSTUS ENERGY PARTNERS LLC	43-019-31299-00-00	SAN ARROYO 45	891003589A				NWSE		
37 AUGUSTUS ENERGY PARTNERS LLC	43-019-31301-00-00	SAN ARROYO 44	891003589A				SENE		16S-26E
38 AUGUSTUS ENERGY PARTNERS LLC	43-019-31316-00-00	SAN ARROYO 49	891003589A				NENW		16S-26E 2 16S-25E
39 AUGUSTUS ENERGY PARTNERS LLC	43-019-31580-00-00	SAN ARROYO 1625-220		UTU63022X			SWSE		
40 AUGUSTUS ENERGY PARTNERS LLC	43-019-31250-00-00	SAN ARROYO U 40		UTU63022X	ļ		NWNE		7 16S-25E 1 16S-26E
41 AUGUSTUS ENERGY PARTNERS LLC	43-019-31318-00-00	FEDERAL 47	891003589A	UTU63022X			NWNE		
44 AUGUSTUS ENERGY PARTNERS LLC	43-019-15884-00-00	FEDERAL 174 1	UTU126528	i	NW115		SESW		1 16S-25E
42 AUGUSTUS ENERGY PARTNERS LLC	43-047-30765-00-00	BLACK HORSE CANYON FED 31-1	UTU14234				NWSW		1 15S-24E
43 AUGUSTUS ENERGY PARTNERS LLC	43-019-11089-00-00	FEDERAL GILBERT 1	UTU0125628	3		8341	LSWNE	1	1 16S-25E
TO NO GOOT GO ELIZAGI T. ALLICE LEO									

									,
Current Operator	API Well Number	Well Name	Lease #	Unit#	CA#	Entity #	Qtr/Qtr	Sec	Twnshp-Rng
45 AUGUSTUS ENERGY PARTNERS LLC	43-019-30570-00-00	ARCO 27-1	UTU29645			11595	NWSW	27	16S-25E
46 AUGUSTUS ENERGY PARTNERS LLC	43-019-30047-00-00	BITTER CREEK 1				515	SWSE	2	16S-25E
47 AUGUSTUS ENERGY PARTNERS LLC	43-019-30240-00-00	ARCO-STATE 2-1				520	NESE	2	16S-24E
48 AUGUSTUS ENERGY PARTNERS LLC	43-019-30241-00-00	ARCO-STATE 2-2				. 520	NWNW	2	16S-24E
49 AUGUSTUS ENERGY PARTNERS LLC	43-019-31162-00-00	ARCO STATE 36-7				9710	SWSE	36	15.5S-24E
50 AUGUSTUS ENERGY PARTNERS LLC	43-019-31192-00-00	ARCO STATE 36-8				9710	SWSW	36	15.5S-24E

Division of Oil, Gas and Mining

Operator Change/Name Change Worksheet-for State use only

Effective Date:

11/1/2014

FORMER OPERATOR:	NEW OPERATOR:
Southwestern Energy Ventures Company, LLC N4035	SWEVCO-SABW, LLC N4155
2154 W Eisenhower Blvd	2154 W Eisenhower Blvd
Loveland, CO 80537	Loveland, CO 80537
970-669-7411	970-669-7411
CA Number(s):	San Arroyo

#### WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Туре	Status
See Attached List				_					

#### **OPERATOR CHANGES DOCUMENTATION:**

1. Sundry or legal documentation was received from the **FORMER** operator on: 10/21/2014 10/21/2014

2. Sundry or legal documentation was received from the **NEW** operator on:

3. New operator Division of Corporations Business Number: 8820416-0161

#### **REVIEW:**

N/A 1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on:

2. Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

10/27/2014 3. Reports current for Production/Disposition & Sundries:

10/27/2014 4. OPS/SI/TA well(s) reviewed for full cost bonding:

5. UIC5 on all disposal/injection/storage well(s) approved on: N/A

6. Surface Facility(s) included in operator change: None

7. Inspections of PA state/fee well sites complete on (only upon operators request):

#### **NEW OPERATOR BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: RLB0015753 2. Indian well(s) covered by Bond Number: RLB0015753 3.State/fee well(s) covered by Bond Number(s): RLB0015799

#### **DATA ENTRY:**

11/3/2014 1. Well(s) update in the **OGIS** on: 2. Entity Number(s) updated in **OGIS** on: 11/3/2014 11/3/2014 3. Unit(s) operator number update in **OGIS** on:

N/A 4. Surface Facilities update in OGIS on:

5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 11/3/2014

6. Surface Facilities update in RBDMS on: N/A

#### LEASE INTEREST OWNER NOTIFICATION:

1. The NEW operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division 11/3/2014

of their responsibility to notify all interest owners of this change on:

#### **COMMENTS:**

# Southwestern Energy Ventures Company, LLC to SWEVCO-SABW, LLC Effective November 1, 2014

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral	Surface	Tpye	Status	Unit
ARCO 27-1	27	160S	250E	4301930570	11595	Federal	Federal		P	† Oliit
	+	150S			8345	Federal	Federal		P	
BLACK HORSE CANYON FED 31-1	31	160S	240E 250E	4304730765	8340	Federal	Federal		P	
FEDERAL CH PERT 1	11			4301915884					P	
FEDERAL GILBERT 1	11	160S	250E	4301911089	8341	Federal	Federal	+	+	
ARCO STATE 36-7	36	155S	240E	4301931162	9710	State	State	GW	P	
ARCO-STATE 2-1	2	160S	240E	4301930240	520	State	State	GW	P	
ARCO-STATE 2-2	2	160S	240E	4301930241	520	State	State	GW	P	
BITTER CREEK 1	2	160S	250E	4301930047	515	State	State	GW	P	1
BAR X UNIT 11	18	170S	260E	4301930592	19413	Federal	Federal	·	S	
BAR X UNIT 25	12	170S	250E	4301931371	19414	Federal	Federal		S	
BAR X UNIT 4	18	170S	260E	4301915023	19412	Federal	Federal		S	!
ARCO STATE 36-8	36	155S	240E	4301931192	9710	State	State	GW	S	; }
FEDERAL 47	31	160S	260E	4301931318	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO 12	23	160S	250E	4301915893	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO 13	22	160S	250E	4301915894	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO 16	26	160S	250E	4301915896	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 17	24	160S	250E	4301915897	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 18	30	160S	260E	4301915898	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 19	14	160S	250E	4301915899	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 20	26	160S	250E	4301915900	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 21	25	160S	250E	4301915901	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 22	15	160S	250E	4301915902	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 24	19	160S	260E	4301915903	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 25	21	160S	250E	4301915904	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO 26	20	160S	260E	4301915905	500	Federal	Federal		Р	SAN ARROYO
SAN ARROYO 27	29	160S	260E	4301915906	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO 28	29	160S	260E	4301915907	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO 3	23	160S	250E	4301915886	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO 30	21	160S	260E	4301915909	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO 33	25	160S		4301930608	500	Federal	Federal	-	P	SAN ARROYO
SAN ARROYO 4	30	160S	260E	4301915887	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO 44	30	160S	260E	4301931301	500	Federal	Federal	-+	P	SAN ARROYO
SAN ARROYO 45	20	160S	260E	4301931299	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO 49	29	160S	260E	4301931316	500	Federal	Federal	+~-	P	SAN ARROYO
SAN ARROYO 9	27	160S	+	4301915891	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO U 35	24	160S	+	4301913091	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO U 36-A	19	160S			500	Federal	Federal		P	SAN ARROYO
			+	4301931251		Federal	+		P	+
SAN ARROYO U 37	20	160S		4301931252	500	<del></del>	Federal			SAN ARROYO
SAN ARROYO U 42	30	160S	260E	4301931290	500	Federal	Federal		P	SAN ARROYO
SAN ARROYO U 43	29	160S	260E	4301931291	500	Federal	Federal	<del></del>	P	SAN ARROYO
SAN ARROYO 8	16	160S		4301915890	500	Federal	State	GW	P	SAN ARROYO
SAN ARROYO U 38	16	160S	250E	4301931253	500	State	State	GW	P	SAN ARROYO
SAN ARROYO U 41	36	160S		4301931289	500	State	Fee	GW	<u>P</u>	SAN ARROYO
SAN ARROYO 1	26	160S		4301916532	505	Federal	Federal		S	SAN ARROYO
SAN ARROYO 11	15	160S		4301915892	500	Federal	Federal		S	SAN ARROYO
SAN ARROYO 1625-220	22	160S	250E	4301931580	505	Federal	Federal		S	SAN ARROYO
SAN ARROYO 2	22	160S		4301915885	505	Federal	Federal		S	SAN ARROYO
SAN ARROYO 29	22	160S		4301915908	500	Federal	Federal		S	SAN ARROYO
SAN ARROYO 31	22	160S	+	4301930527	500	Federal	Federal		S	SAN ARROYO
SAN ARROYO 32	14	160S	250E	4301930528	500	Federal	Federal		S	SAN ARROYO
SAN ARROYO 5	25	160S	250E	4301915888	505	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 6	21	160S	250E	4301915889	505	Federal	Federal	GW	S	SAN ARROYO

			FORM 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING  SUNDRY NOTICES AND REPORTS ON WELLS  SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drift new wells, significantly deepen existing wells believe current bottom-hole depth, reer/de plugged wells, or to diff hostootidal literals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL  OIL WELL  GAS WELL  OTHER  2. NAME OF OPERATOR.  SOUTHWESTERN ENERGY VENTURES COMPANY, LLC  Departor #N4035  3. ADDRESS OF OPERATOR.  2. 154 W. Eisenhower Bird.  CITY. Loveland  STATE  STATE  UTAH  11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF JUBINISSION  TYPE OF ACTION  OCTIVITY See Attached  OTRIGIT, SECTION, TOWNSHIP, RANGE, MERIDIAN:  STATE  UTAH  11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  OCHANGE TUBING  ADDRESS OF OPERATOR.  OCHANGE TUBING  ADDRESS OF OPERATOR.  OCHANGE TUBING  OF INTERT  OCHANGE TUBING  OCHANGE TO CACHOETE  OCHANGE TUBING			
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING  S. LEASE DESIGNATION AND SERIAL NUMBER. See Attached  SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to depend on the plugged wells, or to deep Attached  1. TYPE OF WELL  3. ADDRESS OF OPERATOR:  2. NAME OF OPERATOR:  2. NAME OF OPERATOR:  3. ADDRESS OF OPERATOR:  3. ADDRESS OF OPERATOR:  3. ADDRESS OF OPERATOR:  4. LOCATION OF WELL  4. LOCATION OF WELL  5. SEE Attached  5. API NUMBER:  5. See Attached  6. WELL NAME and NUMBER:  6. WELL NAME and NUMBER:  5.			
Do	not use this form for proposals to drill I drill horizontal !	new wells, significantly deepen existing wells below current bottom-hole depth, reenter plug aterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
1. T	YPE OF WELL OIL WELL	GAS WELL OTHER	
sc	OUTHWESTERN ENER		Attached
215	54 W. Eisenhower Blvd. CIT		
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING  S. LEASE DESIGNATION AND SERIAL NUMBER. See Attached  SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hold depth, reenter plugged wells, or to drill hottorral laterials. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL  OIL WELL  GAS WELL  OTHER  S. WELL NAME and NUMBER: See Attached  1. TYPE OF WELL  OIL WELL  GAS WELL  OTHER  S. WELL NAME and NUMBER: See Attached  1. WELL NAME and NUMBER: See Attached  S. WELL NAME and NUMBER: See Attached  1. WELL NAME and NUMBER: See Attached  S. WELL NAME and NUMBER: See Attached  S. WELL NAME and NUMBER: See Attached  COUNTY: See Attached  TYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF ACTION  NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: CASING REPAIR ALTER CASING FRACTURE TREAT SIDETRACT OR REPAIR WELL CASING REPAIR ALTER CASING PRODUCTION (START/RESUME) CHANGE TO PREVIOUS PLANS PRODUCTION (START/RESUME) CHANGE TO PREVIOUS PLANS PRODUCTION (START/RESUME) CHANGE TO PREVIOUS PLANS PRODUCTION (START/RESUME) COMMINICE PRODUCTION SCHART/RESUME) CHANGE TO PREVIOUS PLANS COMMINICE PRODUCTION (START/RESUME) COMMINICE PRODUCTION FORMATION  TIPE OF SUBMISSION CHANGE TO PREVIOUS PLANS CH			
11	CHECK APP	ROPRIATE BOXES TO INDICATE NATURE OF NOT	
	Approximate date work will start:	CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING  S. LEASE DESIGNATION AND SERIAL NUMBER: See Attached  SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill hottorial laterials. Use APPLICATION FOR PERMIT TO PRILL from for such proposals.  1. TYPE OF WELL  OIL WELL  GAS WELL  OTHER  S. LEASE DESIGNATION AND SERIAL NUMBER: See Attached  8. WELL NAME and NUMBER: See Attached  1. TYPE OF WELL  OIL WELL  GAS WELL  OTHER  SOUTHWESTERN ENERGY VENTURES COMPANY, LLC Operator #N4035  A. ADDRESS OF OPERATOR: SOUTHWESTERN ENERGY VENTURES COMPANY, LLC Operator #N4035  A. ADDRESS OF OPERATOR: STATE  SOUTHWESTERN ENERGY VENTURES COMPANY, LLC OPERATOR (970) 669-7411  4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached  OTROTA, SECTION, TOWNSHIP, RANGE, MERIDIAN:  TYPE OF SUBMISSION  TYPE OF ACTION  ADDRESS OF OPERATOR  ADDRESS OF OPERATOR  SEE Attached  COUNTY: See Attached  TO FIELD AND POOL OR WILDOT:  UTTAL  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  REPERFORATE CURRENT FORMATION  REPERFORATE CURRENT FORMATION  REPERFORATE CURRENT FORMATION  TEMPORARILY ABAIDON  VENT OR PLARE  WATER DISPOSAL  WATER DISPOSAL  WATER SHUT-OFF  OTHER  COMMINION OF WELL SITE  OTHER  CHANGE TO PREVAIL STIBLE OTHER SHUT-OFF  OTHER  CHANGE TO PROVIDE THE TO PREVAIL SITE  OTHER  CHANGE TO APPRICATE OR AND THE TO PREVA			
			<b>□</b>
	Date of work completion:		
12.	DESCRIBE PROPOSED OR C	DMPLETED OPERATIONS. Clearly show all pertinent details including dates	, depths, volumes, etc.
Ple	ease see attached list c	f wells, transferring operations to new operator SWEV	CO-SABW, LLC #N4155

President, Southwestern Energy Ventures Comp. NAME (PLEASE PRINT) Ezra Lee

**APPROVED** 

NOV 0 3 2014

DIV. OIL GAS & MINING (See Instructions on Reverse Side)
BY Dachol Medine

RECEIVED OCT 21 2014

DIV. OF OIL, GAS & MINING

UTAH				T										1								$\overline{}$			
API Well Number	Well Name	Operator	Well Status	Well Type					Field Name/Unit #	Surface	Mineral	Lease	County	Qtr/Qtr	Section	Township-Range	FNL/FSL		FEL/FWL	Latitue	le Longitude	Elev. 0	R TD	Unit#	PUMPER
					WI	NRI	RI	OR		Ownership	Lease	Number													1 1
OPERATED																									
Outside the Unit 43-019-30570	ARCO 27-1	SWEVCO-SABW SWEVCO-SABW	Producing	Gas Well	1,0000000	0.87500000	-		SAN ARROYO	Federal	Endoral	11 20645	CDAND	AllA/CIA/	27	160 250	1707		1200	A/ 20.304	6 100 1400	1 674	0 5700		lob-i-
43-019-31162	ARCO STATE 36-7	SWEVCO-SABW	Producing Producing	Gas Well		0.87500000		<del></del> -	EAST CANYON	Federal State	Federal State	U-29645 ML-22208		NWSW SWSE		16S-25E 15.5S-24E	1787 540	. s		N 39.384 E 39.453					Chris -
43-019-31192	ARCO STATE 36-8	SWEVCO-SABW	Producing	Gas Well		0.87500000	- 1	-	EAST CANYON	State	State	ML-22208		SWSW		15.5S-24E	945	Š		N 39.454			9 7490		Chris -
43-019-30240	ARCO STATE 2-1	SWEVCO-SABW	Producing			0.87500000	· .		EAST CANYON	State	State	ML-22208		NESE		16S-24E	2194	S			46 -109.2301				Chris
43-019-30241 43-019-30047	ARCO STATE 2-2 BITTER CREEK 1	SWEVCO-SABW	Producing	Gas Well		0.87500000 0.87500000		-	EAST CANYON	State	State	ML-22208		NWNW		16S-24E	769	N			95 -109.24212				Chris -
43-047-30765	BLACK HORSE CANYON FED 31-1	SWEVCO-SABW SWEVCO-SABW	Producing Producing	Gas Well Gas Well		0.84500000	<del> - :  </del>		SAN ARROYO BLACK HORSE CYN	State Federal	State Federal	ML-25151 U-14234	GRAND	SWSE NWSW	31	16S-25E 15S-24E	395 1820	8		E 39.438 N 39.467	7 -109.12413 36 -109.28001		2 7910		Chris
43-019-15884	FEDERAL 174 1	SWEVCO-SABW	Producing	Gas Well		0.84875000	-	-	SAN ARROYO	Federal	Federal	U-0126528		SESW	11	16S-25E	1285	S		W 39.426			7 5299		Chris
43-019-11089	FEDERAL GILBERT 1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.84500000	-	-	SAN ARROYO	Federal	Federal	U-0126528		SWNE	11	16S-25E	1700	N	1830	E 39.432					Chris
43-019-15023	BAR X UNIT 4	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064807	GRAND	NENE	18	17S-26E	660	N	660	E 39.333	-109.0728	1 514	6 3599		Chris
43-019-30592	BAR X UNIT 11	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064807	GRAND	NWNW	18	17S-26E	1319	N	1285	W 39.332	03 -109.0848	6 520	0 3466		Chris -
43-019-31371	BAR X UNIT 25	SWEVCO-SABW	Producing	Gas Well		1			BAR X	Federal	Federal	UTSL064806	GRAND	NWSE	12	17S-25E	1384	S	2165	E 39.339	65 -109.0968	4 527	3 3742		Chris 🗻
San Arroyo Unit	SAN APPOVO 1	CIA/EV/CO CADIA/	- 0000	Con Mari	1.0000000	0.00500000		0.00007700	CAN ADDOVO	Fadami	F-2	11.074007	L C C L L C	CENT	<b></b>	400.055	4710		0500	4/ 00.000	40 400 10:5	2 000	2 5005		Chris
43-019-16532 43-019-15892	SAN ARROYO 1 SAN ARROYO 11	SWEVCO-SABW SWEVCO-SABW	Shut-In Shut-In	Gas Well		0.82500000 0.80116538		0.00027708 0.00252986	SAN ARROYO SAN ARROYO	Federal Federal	Federal Federal	U-071307 U-05059C	GRAND GRAND		26 15	16S-25E 16S-25E	1712 1760	N S		N 39.389 N 39.413	43 -109.12453 49 -109.14544		3 5065		Chris
43-019-15893	SAN ARROYO 12	SWEVCO-SABW	Producing	<del></del>		0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-071307		SWSW		16S-25E	1140	s			34 -109.12949				Chris -
43-019-15894	SAN ARROYO 13	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-0370A		C-SW		16S-25E	1320	S	+	_	83 -109.14783				Chris -
43-019-15896	SAN ARROYO 16	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-0369		SESW		16S-25E	1125	S			76 -109.12746				Chris -
43-019-15897	SAN ARROYO 17	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-25243	GRAND			16S-25E	660	N N	940		76 -109.09956				Chris -
43-019-15898 43-019-15899	SAN ARROYO 18 SAN ARROYO 19	SWEVCO-SABW SWEVCO-SABW	Producing Producing			0.80116538 0.80116538		0.00252986 0.00252986	SAN ARROYO SAN ARROYO	Federal Federal	Federal Federal	U-06023 U-05011B		NWNW SWSE		16S-26E 16S-25E	660 820	N e	990 \ 1610		41 -109.09272 86 -109.12089				Chris -
43-019-15885	SAN ARROYO 2	SWEVCO-SABW	Shut-In	Gas Well		0.82500000		0.00027708	SAN ARROYO	Federal	Federal	U-0370A	GRAND			16S-25E	2420	N N	<del></del>		99 -109.14379				Chris -
43-019-15900	SAN ARROYO 20	SWEVCO-SABW	Producing			0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-071307		SENE		16S-25E	1360	N	170		25 -109.11553				Chris -
43-019-15901	SAN ARROYO 21	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-0369		NWSE		16S-25E	2066	S	2340		3 -109.1047				Chris
43-019-15902	SAN ARROYO 22	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-05011A	GRAND			16S-25E	1210	N	990		68 -109.13711				Chris
43-019-15903 43-019-15904	SAN ARROYO 24 SAN ARROYO 25	SWEVCO-SABW SWEVCO-SABW	Producing Producing			0.80116538 0.80116538		0.00252986	SAN ARROYO SAN ARROYO	Federal Federal	Federal Federal	U-06188 U-25244	GRAND GRAND			16S-26E 16S-25E	2450 1520	N N	1495 \ 1805	V 39.401 E 39.404	94 -109.09106 37 -109.15872				Chris
43-019-15905	SAN ARROYO 26	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-25297	GRAND			16S-26E	660	S	$\overline{\hspace{1cm}}$	V 39.396			0 4800		Chris -
43-019-15906	SAN ARROYO 27	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-06021	GRAND		29	16S-26E	1990	S		V 39.385					Chris ~
43-019-15907	SAN ARROYO 28	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-5650	GRAND		29	16S-26E	660	N	1980	E 39.392	25 -109.06591				Chris 🗸 💍
43-019-15908	SAN ARROYO 29	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-0307A	GRAND		22	16S-25E	1300	N N	195		92 -109.13429		9 5200		Chris -
43-019-15886 43-019-15909	SAN ARROYO 3 SAN ARROYO 30	SWEVCO-SABW SWEVCO-SABW	Producing Producing			0.80116538 0.80116538		0.00252986 0.00252986	SAN ARROYO SAN ARROYO	Federal Federal	Federal Federal	U-0307A U-05650	GRAND GRAND			16S-25E 16S-26E	1425 2600	N	<del></del>		B1 -109.12847 24 -109.05587		4 5460		Chris ~
43-019-30527	SAN ARROYO 31	SWEVCO-SABW	Shut-In			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-0370A	GRAND			16S-25E	1111	N N	<del></del>		67 -109.05587				Chris
43-019-30528	SAN ARROYO 32	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-05011B	GRAND			16S-25E	678	S	<del></del>		66 -109.13255				Chris -
43-019-30608	SAN ARROYO 33	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND		25	16S-25E	634	S	728 \	V 39.381	5 -109.1126	596	6 4600		Chris -
43-019-15887	SAN ARROYO 4	SWEVCO-SABW	Producing		<del> </del>	0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND			16\$-26E	1080	<u> </u>			64 -109.09012				Chris ~
43-019-31301 43-019-31299	SAN ARROYO 44* SAN ARROYO 45*	SWEVCO-SABW SWEVCO-SABW	Producing Producing			0.20026781		0.00240052 0.00240052	SAN ARROYO SAN ARROYO	Federal Federal	Federal Federal	U-06023 U-05650	GRAND			16S-26E 16S-26E	1342 1482	N S	741 1866		33 -109.08018 13 -109.06575		5020 4786		Chris -
43-01931318-	SAN ARROYO 47*	SWEVCO-SABW	Producing			0.20026781		0.00240052	SAN ARROYO	Federal	Federal	U-06023	GRAND			16S-26E	600	N N	1 1 1 1 1		9 -109.08244	_	4505		Chris
43-019-31316	SAN ARROYO 49*	SWEVCO-SABW	Producing			0.20026781	-	0.00240052	SAN ARROYO	Federal	Federal	U-025245	GRAND			16S-26E	1300	N		V 39.390			4835		Chris
43-019-15888	SAN ARROYO 5	SWEVCO-SABW	Shut-In	Gas Well		0.82500000		0.00027708	SAN ARROYO	Federal	Federal	U-0369	GRAND	NWSE	25	16S-25E	2030	S	2290	39.385	2 -109.10452	2 587	8 4940		Chris 🕿
43-019-15889	SAN ARROYO 6	SWEVCO-SABW	Shut-In	Gas Well	1.0000000			0.00027708	SAN ARROYO	Federal	Federal	U-025244	GRAND			16S-25E	1940	N	1695	E 39.403		<del></del>	8 6510		Chris -
43-019-15890 43-019-15891	SAN ARROYO 8 SAN ARROYO 9	SWEVCO-SABW	Producing Producing			0.80116538 0.80116538		0.00252986	SAN ARROYO SAN ARROYO	State Federal	Federal Federal	U-0369 U-0370A	GRAND			16S-25E	1110	S N			72 -109.16659 35 -109.13923		0 5870		Chris -
43-019-11090	ISAN ARROYO U 35	SWEVCO-SABW SWEVCO-SABW	Producing	+	0.9717655	<del>}</del>	$\overline{}$	0.00252986	SAN ARROYO	Federal	Federal	U-0370A U-0369	GRAND			16S-25E 16S-25E	990 852	N S	1600 1668 V		35   -109.13923 57   -109.10928				Chris »
43-019-31251	SAN ARROYO U 36-A	SWEVCO-SABW	Producing		0.9717655			0.00252986	SAN ARROYO	Federal	Federal	U-06188	GRAND		19	16S-26E	1305	S	870	39.397			5364		Chris _
43-019-31252	SAN ARROYO U 37	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-5650	GRAND	SWNE	20	16S-26E	1977	N	1619	E 39.403	08 -109.06474	1	5210		Chris
43-019-31253	SAN ARROYO U 38	SWEVCO-SABW	Producing			0.80116538		0.00252986	SAN ARROYO	State	State	ML-4113	GRAND			16S-25E	1879	N	1827		87 -109.15885				Chris 🗻
43-019-31250	SAN ARROYO U 40 -	SWEVCO-SABW	Shut-In Producing			0.82500000		0.00027708	SAN ARROYO	Federal	Federal	U-0370A	GRAND			16S-25E	739	N N	1443		02 -109.13865		6400		Chris
	SAN ARROYO U 41* SAN ARROYO U 42*	SWEVCO-SABW SWEVCO-SABW				0.20026781 0.20026781		0.00240052 0.00240052		Fee (Private) Federal	Federal	ML-4668 U-06023		NENE NESE		16S-25E 16S-26E	304 2029	N S			72 -109.09987 07 -109.07966		4774 4803		Chris -
	SAN ARROYO U 43*	SWEVCO-SABW				0.20026781		0.00240052		Federal	Federal	U-06021		NESE		16S-26E	1393	S			35 -109.06331		4445		Chris ~
	SAN ARROYO 1625-220	SWEVCO-SABW	Shut-In			0.82500000		0.00027708			Federal			SWSE			946				83 -109.0822				
															<u> </u>							1.55			
	RATED BY LONE MOUNTAIN									<del> </del>			ļ		-				-						ļ
50 total wells SA Unit Agreement	# 14-08001-3859			-				-		+			+	-			-		+						
om. Agreement		1		1		1							1	L		L									

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DIV. OF OIL, GAS & MINING

# **STATE OF UTAH**

	DIVISION OF OIL, GAS AND M		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached
SUNDR'	Y NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill	new wells, significantly deepen existing wells below oullaterals. Use APPLICATION FOR PERMIT TO DRILL	urrent bottom-hole depth, reenter plugged wells, or to form for such proposals.	7. UNIT OF CA AGREEMENT NAME: See Attached  8. WELL NAME and NUMBER: See Attached
2. NAME OF OPERATOR:			9. API NUMBER:
SWEVCO-SABW, LLC  3. ADDRESS OF OPERATOR:	Operator #	FN4155 PHONE NUMBER:	Attached  10. FIELD AND POOL, OR WILDCAT:
	TY Loveland STATE CO ZII		
4. LOCATION OF WELL  FOOTAGES AT SURFACE: See A	stached		COUNTY: See Attached
QTR/QTR, SECTION, TOWNSHIP, RAI	NGE, MERIDIAN:	· .	STATE: UTAH
11. CHECK APP	ROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start:	ACIDIZE  ALTER CASING  CASING REPAIR	DEEPEN FRACTURE TREAT NEW CONSTRUCTION	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON
SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion:	CHANGE TO PREVIOUS PLANS  CHANGE TUBING  CHANGE WELL NAME  CHANGE WELL STATUS  COMMINGLE PRODUCING FORMATIONS  CONVERT WELL TYPE	OPERATOR CHANGE  PLUG AND ABANDON  PLUG BACK  PRODUCTION (START/RESUME)  RECLAMATION OF WELL SITE  RECOMPLETE - DIFFERENT FORMATION	TUBING REPAIR  VENT OR FLARE  WATER DISPOSAL  WATER SHUT-OFF  OTHER:
Please see attached list of Effective data	·	pertinent details including dates, depths, volun	
NAME (PLEASE PRINT) Kellie Diff	endaffer Willeh	TITLE Accounting Man	ager
This space for State use only)		AP	PROVED

(5/2000)

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DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

NOV 0 3 2014 DIV. OIL GAS & MINING BY: Rachel Medina

PERATED  utside the Unit  1-019-30570 AR:  1-019-31162 AR:  1-019-31192 AR:  1-019-30241 AR:  1-019-30241 BIT  1-019-30241 BIT  1-019-30241 FEE  1-019-15884 FEE  1-019-11089 FEE  1-019-15023 BAF  1-019-30592 BAF  1-019-30592 BAF  1-019-30592 SAF  1-019-15892 SAF  1-019-15893 SAF  1-019-15893 SAF  1-019-15893 SAF  1-019-15893 SAF  1-019-15894 SAF	RCO 27-1 RCO STATE 36-7 RCO STATE 36-8 RCO STATE 2-1 RCO STATE 2-1 RCO STATE 2-1 ITTER CREEK 1 LACK HORSE CANYON FED 31-1 EDERAL 174 1 EDERAL GILBERT 1 ARX UNIT 4 ARX UNIT 11 ARX UNIT 15 AN ARROYO 1 AN ARROYO 11 AN ARROYO 12 AN ARROYO 13 AN ARROYO 16 AN ARROYO 17	SWEVCO-SABW	Producing	Gas Well	1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000	0.87500000 0.87500000 0.87500000 0.87500000		OR	SAN ARROYO EAST CANYON EAST CANYON EAST CANYON EAST CANYON SAN ARROYO BLACK HORSE CYN SAN ARROYO SAN ARROYO SAN ARROYO BAR X	Surface Ownership  Federal State State State State State State Federal Federal Federal	Federal State State State State State Federal Federal Federal	U-29645 ML-22208 ML-22208 ML-22208 ML-22208 ML-22208 ML-25151 U-14234	GRAND GRAND GRAND GRAND GRAND	NWSW SWSE SWSW NESE NWNW SWSE	27 36 36 2	16S-25E 15.5S-24E 15.5S-24E 16S-24E 16S-24E 16S-25E	1787 540 945 2194 769 395	S S S S S S S S S S S S S S S S S S S	1200 1550 850 991 857 2530 500	W E W E	39.3846 39.45341 39.45468 39.44346 39.44995 39.4387 39.46736	-109.14821 -109.21341 -109.22361 -109.23015 -109.24212 -109.12413 -109.28001	8319 7945 7789 7490 8443 7600 7886 7250 7375 6658 8262 7910	Unit # PUMPEI  Chris Chris Chris Chris Chris Chris Chris Chris Chris
utside the Unit -019-30570 AR(-019-30570 AR(-019-31162 AR(-019-31192 AR(-019-30240 AR(-019-30241 AR(-019-30241 AR(-019-30247 BIT-047-30765 BLA-019-15884 FEL-019-15023 BAF-019-15023 BAF-019-15023 BAF-019-15023 SAF-019-16532 SAF-019-16532 SAF-019-16593 SAF-019-15893 SAF-019-15894 SAF-	RCO STATE 36-7 RCO STATE 36-8 RCO STATE 2-1 RCO STATE 2-1 RCO STATE 2-2 ITTER CREEK 1 LACK HORSE CANYON FED 31-1 EDERAL 174 1 EDERAL GILBERT 1 AR X UNIT 4 AR X UNIT 4 AR X UNIT 25 AN ARROYO 1 AN ARROYO 11 AN ARROYO 12 AN ARROYO 13 AN ARROYO 16 AN ARROYO 17	SWEVCO-SABW	Producing	Gas Well	1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000	0.87500000 0.87500000 0.87500000 0.87500000 0.87500000 0.84500000 0.84875000	+	-	EAST CANYON EAST CANYON EAST CANYON EAST CANYON SAN ARROYO BLACK HORSE CYN SAN ARROYO SAN ARROYO SAN ARROYO	State State State State State State Federal Federal	State State State State State State Federal	ML-22208 ML-22208 ML-22208 ML-22208 ML-25151 U-14234	GRAND GRAND GRAND GRAND GRAND	SWSE SWSW NESE NWNW SWSE	36 36 2 2	15.5S-24E 15.5S-24E 16S-24E 16S-24E	540 945 2194 769 395	S S S N	1550 850 991 857 2530	E W E W	39.45341 39.45468 39.44346 39.44995 39.4387	-109.21341 -109.22361 -109.23015 -109.24212 -109.12413 -109.28001	8319 7945 7789 7490 8443 7600 7886 7250 7375 6658 8262 7910	Chris Chris Chris Chris Chris
Head	RCO STATE 36-7 RCO STATE 36-8 RCO STATE 2-1 RCO STATE 2-1 RCO STATE 2-2 ITTER CREEK 1 LACK HORSE CANYON FED 31-1 EDERAL 174 1 EDERAL GILBERT 1 AR X UNIT 4 AR X UNIT 4 AR X UNIT 25 AN ARROYO 1 AN ARROYO 11 AN ARROYO 12 AN ARROYO 13 AN ARROYO 16 AN ARROYO 17	SWEVCO-SABW	Producing	Gas Well	1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000	0.87500000 0.87500000 0.87500000 0.87500000 0.87500000 0.84500000 0.84875000	+	-	EAST CANYON EAST CANYON EAST CANYON EAST CANYON SAN ARROYO BLACK HORSE CYN SAN ARROYO SAN ARROYO SAN ARROYO	State State State State State State Federal Federal	State State State State State State Federal	ML-22208 ML-22208 ML-22208 ML-22208 ML-25151 U-14234	GRAND GRAND GRAND GRAND GRAND	SWSE SWSW NESE NWNW SWSE	36 36 2 2	15.5S-24E 15.5S-24E 16S-24E 16S-24E	540 945 2194 769 395	S S S N S	1550 850 991 857 2530	E W E W	39.45341 39.45468 39.44346 39.44995 39.4387	-109.21341 -109.22361 -109.23015 -109.24212 -109.12413 -109.28001	8319 7945 7789 7490 8443 7600 7886 7250 7375 6658 8262 7910	Chris Chris Chris Chris Chris
Head	RCO STATE 36-7 RCO STATE 36-8 RCO STATE 2-1 RCO STATE 2-1 RCO STATE 2-2 ITTER CREEK 1 LACK HORSE CANYON FED 31-1 EDERAL 174 1 EDERAL GILBERT 1 AR X UNIT 4 AR X UNIT 4 AR X UNIT 25 AN ARROYO 1 AN ARROYO 11 AN ARROYO 12 AN ARROYO 13 AN ARROYO 16 AN ARROYO 17	SWEVCO-SABW	Producing	Gas Well	1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000	0.87500000 0.87500000 0.87500000 0.87500000 0.87500000 0.84500000 0.84875000	+	-	EAST CANYON EAST CANYON EAST CANYON EAST CANYON SAN ARROYO BLACK HORSE CYN SAN ARROYO SAN ARROYO SAN ARROYO	State State State State State State Federal Federal	State State State State State State Federal	ML-22208 ML-22208 ML-22208 ML-22208 ML-25151 U-14234	GRAND GRAND GRAND GRAND GRAND	SWSE SWSW NESE NWNW SWSE	36 36 2 2	15.5S-24E 15.5S-24E 16S-24E 16S-24E	540 945 2194 769 395	S S S N	1550 850 991 857 2530	E W E W	39.45341 39.45468 39.44346 39.44995 39.4387	-109.21341 -109.22361 -109.23015 -109.24212 -109.12413 -109.28001	8319 7945 7789 7490 8443 7600 7886 7250 7375 6658 8262 7910	Chris Chris Chris Chris Chris
HO19-31192 ARI HO19-30240 ARI HO19-30241 ARI HO19-30241 ARI HO19-30047 BITI HO19-30047 BITI HO47-30765 BLA HO19-15884 FEI HO19-11089 FEI HO19-15023 BAI HO19-31371 BAI HAMPOV Unit HO19-16532 SAI HO19-15892 SAI HO19-15893 SAI HO19-15894 SAI	RCO STATE 36-8 RCO STATE 2-1 RCO STATE 2-1 RCO STATE 2-2 RITTER CREEK 1 LACK HORSE CANYON FED 31-1 EDERAL 174-1 EDERAL GILBERT 1 AR X UNIT 4 AR X UNIT 4 AR X UNIT 25 AN ARROYO 1 AN ARROYO 11 AN ARROYO 12 AN ARROYO 13 AN ARROYO 16 AN ARROYO 16 AN ARROYO 16 AN ARROYO 16	SWEVCO-SABW	Producing	Gas Well	1.000000 1.000000 1.000000 1.000000 1.000000	0.87500000 0.87500000 0.87500000 0.84500000 0.84875000	+	-	EAST CANYON EAST CANYON SAN ARROYO BLACK HORSE CYN SAN ARROYO SAN ARROYO	State State State State Federal Federal	State State State Federal	ML-22208 ML-22208 ML-22208 ML-25151 U-14234	GRAND GRAND GRAND GRAND	SWSW NESE NWNW SWSE	36 2 2	15.5S-24E 16S-24E 16S-24E	945 2194 769 395	S S N S	991 857 2530	W E	39.44346 39.44995 39.4387	-109.23015 -109.24212 -109.12413 -109.28001	8443 7600 7886 7250 7375 6658 8262 7910	Chris Chris Chris
H-019-30241 AR( -019-30047 BIT -047-30765 BLA -047-30765 BLA -019-15884 FEE -019-11089 FEI -019-15023 BAR -019-30592 BAR -019-31371 BAR -019-16532 SAR -019-15892 SAR -019-15893 SAR -019-15894 SAR	RCO STATE 2-2 ITTER CREEK 1 LACK HORSE CANYON FED 31-1 EDERAL 174 1 EDERAL GILBERT 1 AR X UNIT 4 AR X UNIT 11 AR X UNIT 25 AN ARROYO 1 AN ARROYO 11 AN ARROYO 12 AN ARROYO 13 AN ARROYO 16 AN ARROYO 16 AN ARROYO 16 AN ARROYO 17	SWEVCO-SABW	Producing	Gas Well	1.0000000 1.0000000 1.0000000 1.0000000	0.87500000 0.87500000 0.84500000 0.84875000	+	-	EAST CANYON SAN ARROYO BLACK HORSE CYN SAN ARROYO SAN ARROYO	State State Federal Federal	State State Federal	ML-22208 ML-25151 U-14234	GRAND GRAND	NWNW SWSE	2	16S-24E	769 395	S N S	857 2530	Е	39.44995 39.4387	-109.24212 -109.12413 -109.28001	7886 7250 7375 6658 8262 7910	Chris Chris
-019-30047 BIT -047-30765 BLA -019-15884 FEL -019-11089 FEL -019-30592 BAR -019-31371 BAR -019-31371 BAR -019-15532 SAR -019-15892 SAR -019-15893 SAR -019-15893 SAR	ITTER CREEK 1 LACK HORSE CANYON FED 31-1 EDERAL 174 1 EDERAL GILBERT 1 AR X UNIT 4 AR X UNIT 11 AR X UNIT 25 AN ARROYO 1 AN ARROYO 11 AN ARROYO 12 AN ARROYO 13 AN ARROYO 16 AN ARROYO 16 AN ARROYO 16 AN ARROYO 16 AN ARROYO 17	SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW	Producing Producing Producing Producing Producing Producing Producing Producing Shut-In Shut-In	Gas Well	1.0000000 1.0000000 1.0000000	0.87500000 0.84500000 0.84875000	+	-	SAN ARROYO BLACK HORSE CYN SAN ARROYO SAN ARROYO	State Federal Federal	State Federal	ML-25151 U-14234	GRAND	SWSE			395	S	2530	Е	39.4387	-109.12413 -109.28001	7375 6658 8262 7910	Chris
-047-30765 BLA -019-15884 FEL -019-11089 FEL -019-15023 BAF -019-30592 BAF -019-31371 BAF an Arroyo Unit -019-16532 SAF -019-15892 SAF -019-15893 SAF -019-15894 SAF	LACK HORSE CANYON FED 31-1 EDERAL 174 1 EDERAL GILBERT 1 AR X UNIT 4 AR X UNIT 11 AR X UNIT 25  AN ARROYO 1 AN ARROYO 11 AN ARROYO 12 AN ARROYO 13 AN ARROYO 16 AN ARROYO 16 AN ARROYO 16 AN ARROYO 16	SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW	Producing Producing Producing Producing Producing Producing Producing Producing Shut-In Shut-In	Gas Well	1.0000000 1.0000000	0.84500000 0.84875000	-	<u> </u>	BLACK HORSE CYN SAN ARROYO SAN ARROYO	Federal Federal	Federal	U-14234			2	165-25-		- S		W		-109.28001	8262 7910	
-019-15884   FEL    -019-11089   FEL    -019-15023   BAF    -019-30592   BAF    -019-31371   BAF    -019-16532   SAF    -019-15892   SAF    -019-15893   SAF    -019-15894   SAF    -019-15895   SAF    -019	EDERAL 174 1 EDERAL GILBERT 1 AR X UNIT 4 AR X UNIT 11 AR X UNIT 25 AN ARROYO 1 AN ARROYO 11 AN ARROYO 12 AN ARROYO 13 AN ARROYO 16 AN ARROYO 16 AN ARROYO 17	SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW	Producing Producing Producing Producing Producing Producing Shut-In Shut-In	Gas Well Gas Well Gas Well Gas Well Gas Well Gas Well	1.0000000	0.84875000	-		SAN ARROYO SAN ARROYO	Federal					31	15S-24E	1820				39.40/30			
-019-11089 FEL -019-15023 BAF -019-30592 BAF -019-31371 BAF IN Arroyo Unit -019-16532 SAF -019-15892 SAF -019-15893 SAF -019-15894 SAF	EDERAL GILBERT 1 AR X UNIT 4 AR X UNIT 11 AR X UNIT 25 AN ARROYO 1 AN ARROYO 11 AN ARROYO 12 AN ARROYO 13 AN ARROYO 16 AN ARROYO 16 AN ARROYO 17	SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW	Producing Producing Producing Producing Producing Shut-In Shut-In	Gas Well Gas Well Gas Well Gas Well Gas Well			-	-	SAN ARROYO			U-0126528		SESW		16S-25E	1285	S	2090		39.42669	-109,1264	6577   52991	Chris
-019-30592 BAF -019-31371 BAF <b>IN Arroyo Unit</b> -019-16532 SAF -019-15892 SAF -019-15893 SAF -019-15894 SAF	AR X UNIT 11 AR X UNIT 25 AN ARROYO 1 AN ARROYO 11 AN ARROYO 12 AN ARROYO 13 AN ARROYO 16 AN ARROYO 16	SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW	Producing Producing Shut-In Shut-In	Gas Well Gas Well Gas Well					RADY		Federal	U-0126528		SWNE		16S-25E	1700	Ň	1830	E	39.4329	-109.12144		Chris
-019-31371 BAF kn Arroyo Unit -019-16532 SAF -019-15892 SAF -019-15893 SAF -019-15894 SAF	AR X UNIT 25  AN ARROYO 1 AN ARROYO 11 AN ARROYO 12 AN ARROYO 13 AN ARROYO 16 AN ARROYO 16 AN ARROYO 17	SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW	Producing Shut-In Shut-In	Gas Well Gas Well					I DULY	Federal	Federal	UTSL064807	GRAND		18	17S-26E	660	N	660	E	39.33379	-109.07281	5146 3599	Chris
n Arroyo Unit -019-16532 SAN -019-15892 SAN -019-15893 SAN -019-15894 SAN	AN ARROYO 1 AN ARROYO 11 AN ARROYO 12 AN ARROYO 13 AN ARROYO 16 AN ARROYO 17	SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW	Shut-In Shut-In	Gas Well				1	BAR X	Federal	Federal	UTSL064807	GRAND	NWNW	18	17S-26E	1319	N	1285	W	39.33203	-109.08486	5200 3466	Chris
-019-16532 SAN -019-15892 SAN -019-15893 SAN -019-15894 SAN	AN ARROYO 11 AN ARROYO 12 AN ARROYO 13 AN ARROYO 16 AN ARROYO 17	SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW	Shut-In				L		BAR X	Federal	Federal	UTSL064806	GRAND	NWSE	12	17S-25E	1384	S	2165	Ε	39.33965	-109.09684	5273 3742	Chris
-019-15892 SAM -019-15893 SAM -019-15894 SAM	AN ARROYO 11 AN ARROYO 12 AN ARROYO 13 AN ARROYO 16 AN ARROYO 17	SWEVCO-SABW SWEVCO-SABW SWEVCO-SABW	Shut-In																					Chris
-019-15893 SAN -019-15894 SAN	AN ARROYO 12 AN ARROYO 13 AN ARROYO 16 AN ARROYO 17	SWEVCO-SABW SWEVCO-SABW			1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-071307	GRAND	SENW	26	16S-25E	1712	N	2566	W	39.38943	-109.12453		Chris
-019-15894 SAI	AN ARROYO 13 AN ARROYO 16 AN ARROYO 17	SWEVCO-SABW	Producing	Gas Well		0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-05059C	GRAND			16S-25E	1760	S	1990	W	39.41349	-109.14544		Chris
	AN ARROYO 16 AN ARROYO 17		Producing	Gas Well Gas Well		0.80116538 0.80116538		0.00252986	SAN ARROYO SAN ARROYO	Federal	Federal Federal	U-071307 U-0370A	GRAND	SWSW C-SW		16S-25E 16S-25E	1140 1320	8	1220 1320	W	39.39734 39.39783	-109.12949 -109.14783	6507 4731 7592 6260	Chris Chris
-019-15896 ISAN	AN ARROYO 17		Producing	Gas Well	0.9717655	0.80116538	<del>  -</del>	0.00252986	SAN ARROYO	Federal Federal	Federal	U-0369		SESW		16S-25E	1125	8	1790		39.38276	-109.14765		Chris
	AN ARROYO 18	SWEVCO-SABW	Producing				<b>!</b> -	0.00252986	SAN ARROYO	Federal	Federal	U-25243	GRAND			16S-25E	660	N	940	E	39.40676	-109.09956	5983 5003	Chris
-019-15898 SAI		SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	T -	0.00252986	SAN ARROYO	Federal	Federal	U-06023	GRAND	NWNW	30	16S-26E	660	N	990	W	39.39241	-109.09272	5778 4128	Chris
	AN ARROYO 19	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-05011B	GRAND			16S-25E	820	S	1610	E	39.41086	-109.12089	6305 5200	Chris
	AN ARROYO 2	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-0370A	GRAND	SENW		16S-25E	2420	N	2430	W	39.40199	-109.14379		Chris
	AN ARROYO 20	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538		0.00252986	SAN ARROYO	Federal	Federal	U-071307	GRAND	SENE NWSE		16S-25E	1360	N	170 2340	<u> </u>	39.39025	-109.11553	6855 5457	Chris
	AN ARROYO 21 AN ARROYO 22	SWEVCO-SABW SWEVCO-SABW	Producing Producing	Gas Well	0.9717655 0.9717655	0.80116538 0.80116538	<del>  -</del>	0.00252986 0.00252986	SAN ARROYO SAN ARROYO	Federal Federal	Federal Federal	U-0369 U-05011A	GRAND			16S-25E 16S-25E	2066 1210	N N	990	<u> </u>	39.3853 39.41968	-109.1047 -109.13711	5878 4299 6480 5500	Chris Chris
	AN ARROYO 24	SWEVCO-SABW	Producing				<del>                                     </del>	0.00252986	SAN ARROYO	Federal	Federal	U-06188		SENW		16S-26E	2450	N	1495	<del>  w</del>	39.40194	-109.09106		Chris
	AN ARROYO 25	SWEVCO-SABW	Producing		0.9717655		-	0.00252986	SAN ARROYO	Federal	Federal	U-25244	GRAND			16S-25E	1520	N	1805	Ē	39.40437	-109.15872		Chris
-019-15905 SAN	AN ARROYO 26	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-25297	GRAND	SWSW	20	16S-26E	660	S	660	W	39.39603	-109.07543	5800 4800	Chris
	AN ARROYO 27	SWEVCO-SABW	Producing		0.9717655			0.00252986	SAN ARROYO	Federal	Federal	U-06021		NESW		16S-26E	1990	S	2100	W	39.3851	-109.07027		Chris
	AN ARROYO 28	SWEVCO-SABW	Producing	Gas Well	0.9717655		-	0.00252986	SAN ARROYO	Federal	Federal	U-5650	GRAND			16S-26E	660	N N	1980	E	39.39225	-109.06591		Chris
	AN ARROYO 29	SWEVCO-SABW	Producing		0.9717655 0.9717655	0.80116538	-	0.00252986 0.00252986	SAN ARROYO SAN ARROYO	Federal	Federal Federal	U-0307A U-0307A	GRAND GRAND	NENE SENW		16S-25E 16S-25E	1300 1425	N N	195 1450	W	39.40492 39.40481	-109.13429 -109.12847	6849 5200 6474 5460	Chris Chris
	AN ARROYO 3 AN ARROYO 30	SWEVCO-SABW SWEVCO-SABW	Producing Producing	Gas Well Gas Well		0.80116538	<del>  -</del>	0.00252986	SAN ARROYO	Federal Federal	Federal	U-05650		NWSW		16S-26E	2600	S	900	w	39.40124	-109.05587	5481 4293	Chris
	AN ARROYO 31	SWEVCO-SABW	Shut-In	Gas Well	0.9717655		<b>†</b> -	0.00252986	SAN ARROYO	Federal	Federal	U-0370A	GRAND	NWNW		16S-25E	1111	N	913	w	39.40567	-109.14907	7742 6071	Chris
	AN ARROYO 32	SWEVCO-SABW	Producing		0.9717655		-	0.00252986	SAN ARROYO	Federal	Federal	U-05011B	GRAND	swsw		16S-25E	678	S	370	W	39.41066	-109.13255	6325 4964	Chris
	AN ARROYO 33	SWEVCO-SABW	Producing		0.9717655		-	0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND			16S-25E	634	S	728	W	39.3815	-109.1126	5966 4600	Chris
	AN ARROYO 4	SWEVCO-SABW	Producing		0.9717655		<u> </u>	0.00252986	SAN ARROYO		Federal	U-0369	GRAND			16S-26E	1080	S	1800	W	39.38264		5735 4860	Chris
	AN ARROYO 44*	SWEVCO-SABW	Producing	Gas Well	0.2429414		<u> </u>	0.00240052	SAN ARROYO SAN ARROYO	Federal	Federal	U-06023 U-05650	GRAND GRAND	SENE NWSE		16S-26E 16S-26E	1342	N	741 1866	<u> </u>	39.39033 39.39813	-109.08018 -109.06575	5020 4786	Chris Chris
	AN ARROYO 45* AN ARROYO 47*	SWEVCO-SABW SWEVCO-SABW	Producing Producing	Gas Well Gas Well	0.2429414 0.2429414	0.20026781	1	0.00240052	SAN ARROYO SAN ARROYO	Federal Federal	Federal Federal	U-05650 U-06023	GRAND	NWNE		16S-26E 16S-26E	1482 600	N S	1400	F	39.39813	-109.06575	4/86	Chris
	AN ARROYO 49*	SWEVCO-SABW	Producing	Gas Well	0.2429414	0.20026781	<u> </u>	0.00240052	SAN ARROYO	Federal	Federal	U-025245		NENW		16S-26E	1300	N	1666		39.39059	-109.07165	4835	Chris
	AN ARROYO 5	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-0369	GRAND	NWSE		16S-25E	2030	S	2290	E	39.3852	-109.10452	5878 4940	Chris
-019-15889 SAN	AN ARROYO 6	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-025244	GRAND	SWNE	21	16S-25E	1940	N	1695	E	39.40321	-109.15836		Chris
	AN ARROYO 8	SWEVCO-SABW	Producing	Gas Well		0.80116538	<u> </u>	0.00252986	SAN ARROYO	State	Federal	U-0369	GRAND	swsw	16	16S-25E	1110	S	1310	W	39.41172	-109.16659	7350 5870	Chris
	AN ARROYO 9	SWEVCO-SABW	Producing		0.9717655	0.80116538	<u> </u>	0.00252986	SAN ARROYO	Federal	Federal	U-0370A	GRAND	NWNE	27	16S-25E	990	N	1600	E 147	39.39135	-109.13923		Chris
	AN ARROYO U 35 AN ARROYO U 36-A	SWEVCO-SABW	Producing		0.9717655 0.9717655		<del>-</del> -	0.00252986 0.00252986	SAN ARROYO SAN ARROYO	Federal Federal	Federal Federal	U-0369 U-06188	GRAND	SESW SESE	24 19	16S-25E 16S-26E	852 1305	\ <u>\$</u>	1668 870	W	39.39657 39.39761	-109.10928 -109.08081	6145 5407 5364	Chris Chris
	AN ARROYO U 35-A AN ARROYO U 37	SWEVCO-SABW SWEVCO-SABW	Producing Producing	Gas Well Gas Well	0.9717655	0.80116538	<del>  -</del>	0.00252986	SAN ARROYO	Federal	Federal	U-5650		SWNE		16S-26E	1977	N	1619	F	39.40308	-109.06474	5210	Chris
	AN ARROYO U 38	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	1 -	0.00252986	SAN ARROYO	State	State	ML-4113		SWNE		16S-25E	1879	N	1827	Ē	39.41787		7636 7053	Chris
	AN ARROYO U 40	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	T -	0.00027708	SAN ARROYO	Federal	Federal	U-0370A	GRAND			16S-25E	739	N	1443	Ē	39.39202	-109.13865	6400	Chris
	AN ARROYO U 41*	SWEVCO-SABW	Producing	Gas Well	0.2429414		-	0.00240052	SAN ARROYO	Fee (Private)		ML-4668	GRAND	NENE		16S-25E	304	N	1038	E	39.37872	-109.09987	4774	Chris
	AN ARROYO U 42*	SWEVCO-SABW	Producing	Gas Well	0.2429414	0.20026781	<u> </u>	0.00240052	SAN ARROYO	Federal	Federal	U-06023	GRAND	NESE	30	16S-26E	2029	S	555	E	39.38507	-109.07966	4803	Chris
	AN ARROYO U 43*	SWEVCO-SABW	Producing	Gas Well	0.2429414	0.20026781	-	0.00240052	SAN ARROYO	Federal	Federal	U-06021	GRAND	NESE	29	16S-26E	1393	S	1177	E	39.38335	-109.06331	4445	Chris
-019 31580 SAN	AN ARROYO 1625-220	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	UTU0307-A	GRAND	SWSE	22	16S-25E	946	S	1424	<u> </u>	39.23483	-109.08221	7567.5   6653	UTU 63022X Chris
CONTRACT OPERATE	TED BY LONE MOUNTAIN		-										1											
total wells	IED BT LONE MOUNTAIN		-					<del> </del>		<del> </del>	+									<del> </del>				
Unit Agreement # 14	14-08001-3859			+			<del> </del>			<del> </del>	+		1		ļ		+			+	-			

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OCT 2 1 2014

DIV. OF OIL, GAS & MINING

Sundry Number: 57154 API Well Number: 43037306900000

	STATE OF UTAH	что наположен минен 4 <del>4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4</del>	FORM 9							
ا	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-31928									
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:									
Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL forr	7.UNIT OF CA AGREEMENT NAME: TIN CUP MESA									
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: TIN CUP MESA 1-25									
2. NAME OF OPERATOR: MAR/REG OIL COMPANY	9. API NUMBER: 43037306900000									
3. ADDRESS OF OPERATOR: PO Box 18148, Reno, NV,	9. FIELD and POOL or WILDCAT: TIN CUP MESA									
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1950 FNL 0790 FWL			COUNTY: SAN JUAN							
QTR/QTR, SECTION, TOWNS Qtr/Qtr: SWNW Section:	STATE: UTAH									
11. CHEC	K APPROPRIATE BOXES TO INDICATE	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA							
TYPE OF SUBMISSION TYPE OF ACTION										
	ACIDIZE [	ALTER CASING	CASING REPAIR							
NOTICE OF INTENT Approximate date work will start: 4/30/2014	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME							
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE							
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION							
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK							
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION							
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON							
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL							
☐ DRILLING REPORT	☐ WATER SHUTOFF [	SI TA STATUS EXTENSION	APD EXTENSION							
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER: Request for Extension							
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show al	I pertinent details including dates.								
Request an extens	sion to conduct remedial work	c. Request extension to	April 30, 2015. Operator will							
n	nonitor casing pressure week	ly and file pressure rep	ort monthly.							
			COPY SENT TO OPERATOR							
	Dec 11.3.2014									
	A Market V S									
	Oil, Gas and Mining		miner:							
	, ,									
D	ate: 10/3/ //4									
•										
B	·									
NAME (PLEASE PRINT) Tariq Ahmad	<b>PHONE NUMBE</b> 775 852-7444	R TITLE Petroleum Engineer								
SIGNATURE N/A		<b>DATE</b> 10/29/2014								